

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
 Data File : BF078936.D
 Acq On : 5 May 2015 12:02
 Operator : TP/IZ
 Sample : G2115-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 14:54:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

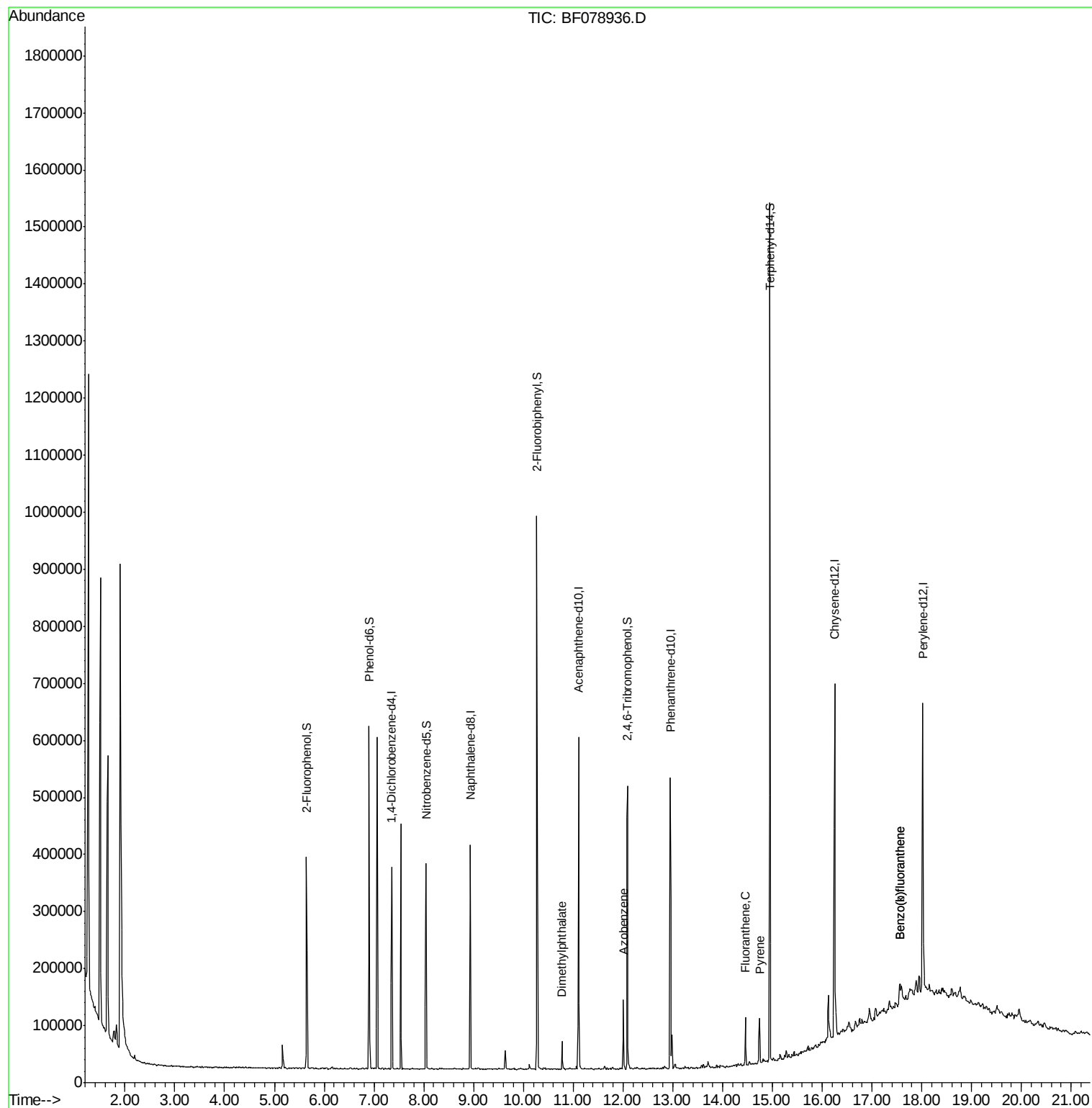
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	59687	20.00	ng	-0.01
21) Naphthalene-d8	8.94	136	240818	20.00	ng	-0.01
38) Acenaphthene-d10	11.11	164	116914	20.00	ng	-0.02
63) Phenanthrene-d10	12.95	188	227440	20.00	ng	-0.02
75) Chrysene-d12	16.25	240	262118	20.00	ng	-0.05
86) Perylene-d12	18.02	264	287369	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	123033	35.48	ng	-0.02
7) Phenol-d6	6.90	99	211918	46.24	ng	-0.02
23) Nitrobenzene-d5	8.04	82	115305	27.52	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	89195	70.52	ng	-0.02
44) 2-Fluorobiphenyl	10.27	172	338467	40.33	ng	-0.02
78) Terphenyl-d14	14.95	244	527183	48.15	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	10.78	163	22152	2.58	ng	99
62) Azobenzene	12.01	77	27614	3.30	ng	# 1
74) Fluoranthene	14.46	202	38472	2.90	ng	98
77) Pyrene	14.74	202	36810	2.44	ng	98
87) Benzo(b)fluoranthene	17.57	252	35072	2.23	ng	# 90
88) Benzo(k)fluoranthene	17.57	252	36167	2.38	ng	# 91

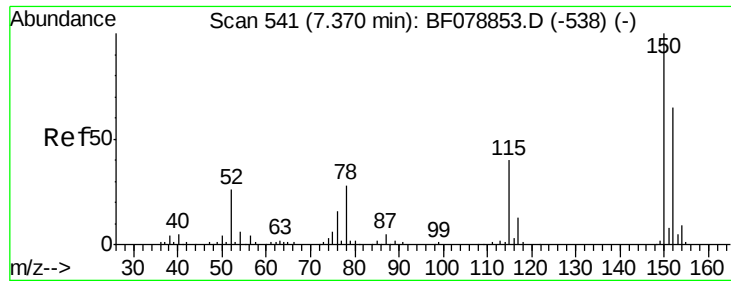
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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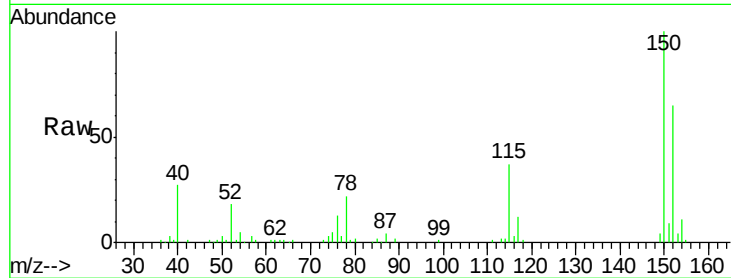


#1

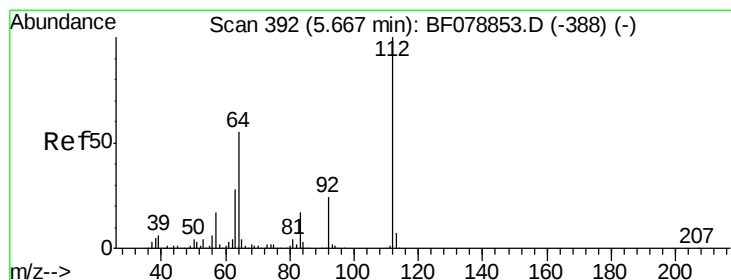
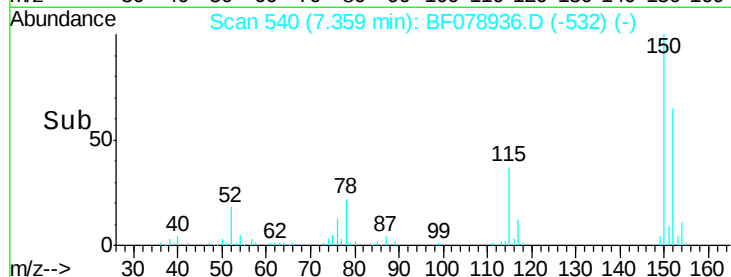
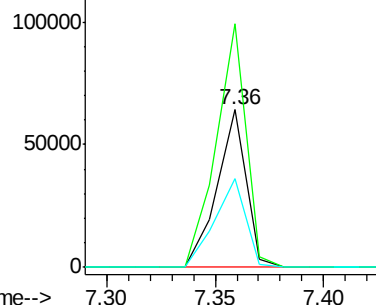
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF078936.D
Acq: 5 May 2015 12:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 59687
Ion Ratio Lower Upper
152 100
150 154.4 122.0 183.0
115 56.4 46.3 69.5



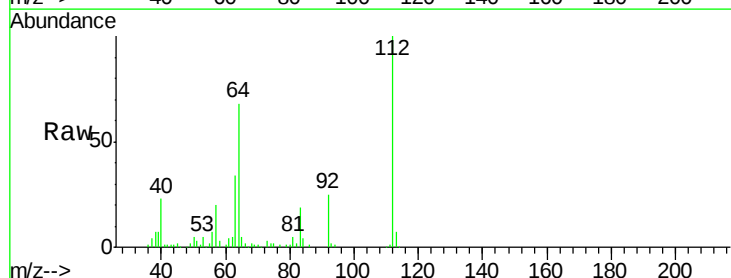
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



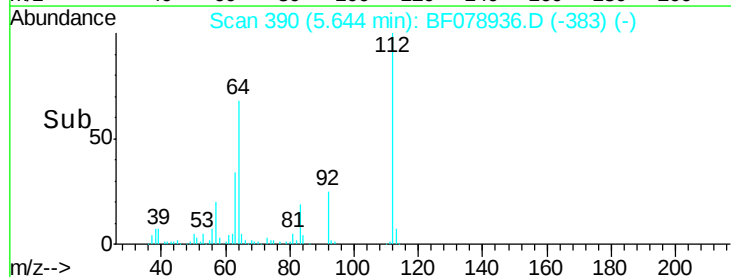
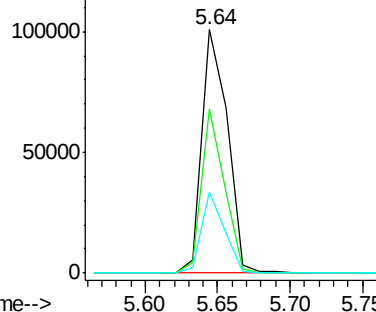
#5

2-Fluorophenol
Concen: 35.48 ng
RT: 5.64 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF078936.D
Acq: 5 May 2015 12:02

Tgt Ion:112 Resp: 123033
Ion Ratio Lower Upper
112 100
64 67.5 53.5 80.3
63 33.5 27.5 41.3



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: 46.24 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

Instrument :

BNA_F

ClientSampleId :

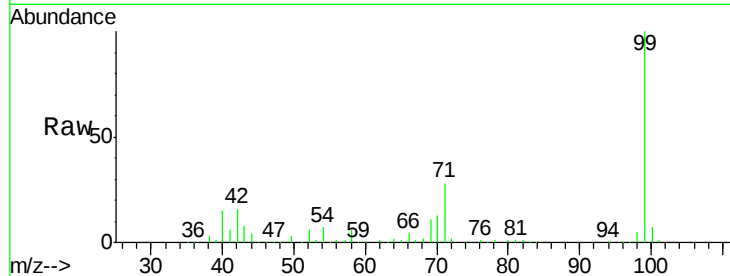
Tot Ion: 99 Resp: 211918

Ion Ratio Lower Upper

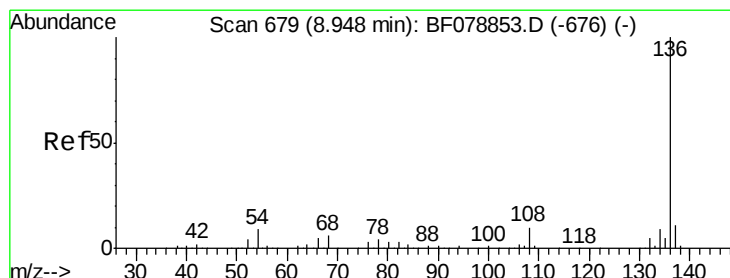
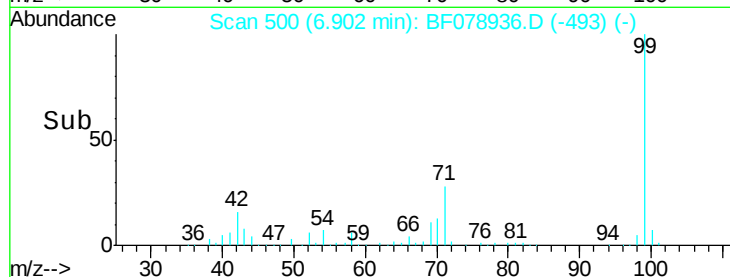
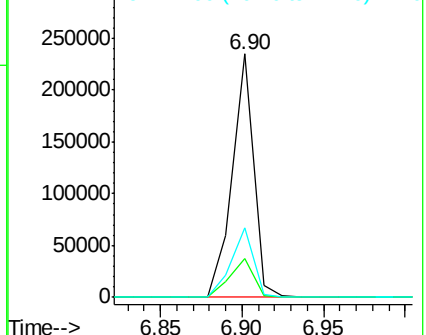
99 100

42 16.1 12.8 19.2

71 28.5 23.4 35.2



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: 8.94 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

Tgt Ion: 136 Resp: 240818

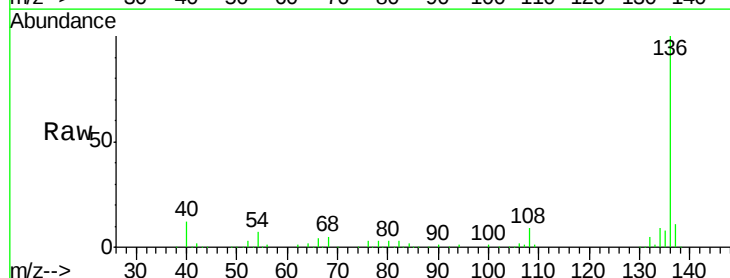
Ion Ratio Lower Upper

136 100

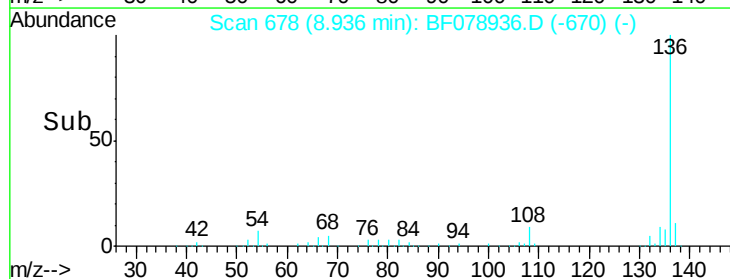
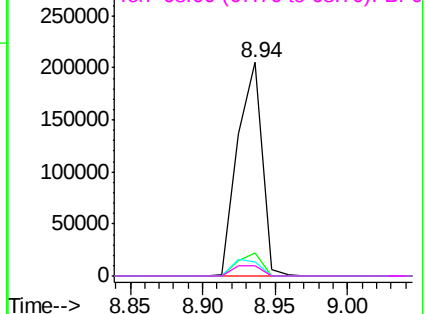
137 10.7 8.7 13.1

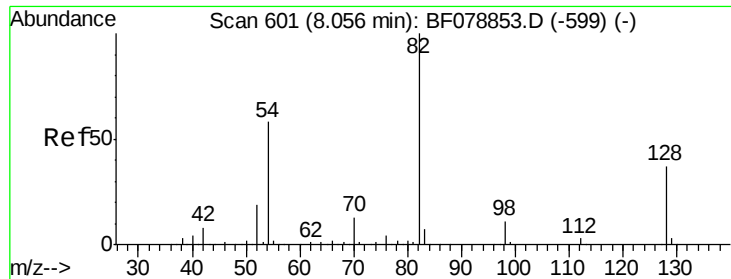
54 6.6 5.8 8.8

68 4.7 4.2 6.4



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

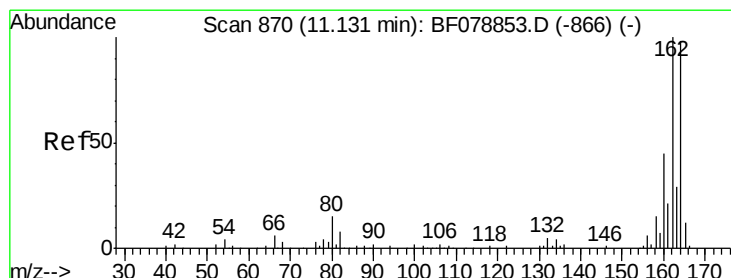
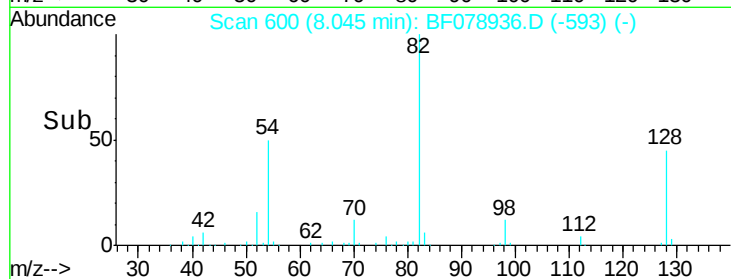
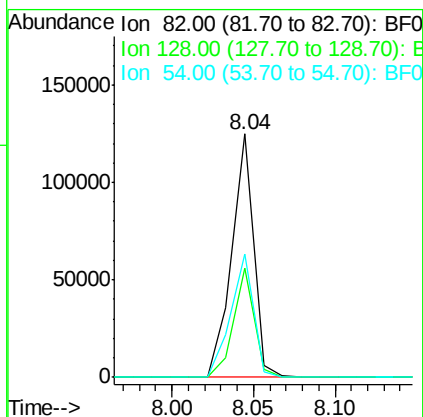
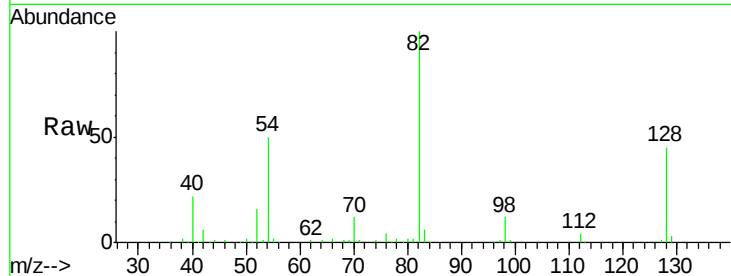




#23
 Nitrobenzene-d5
 Concen: 27.52 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF078936.D
 Acq: 5 May 2015 12:02

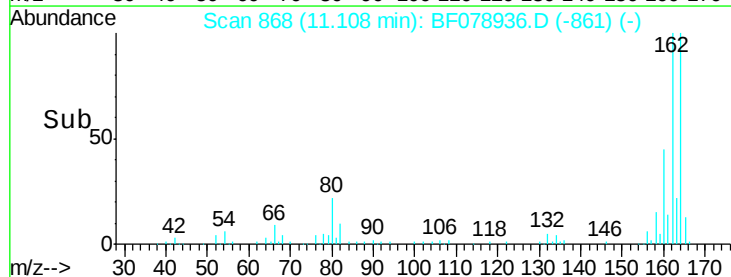
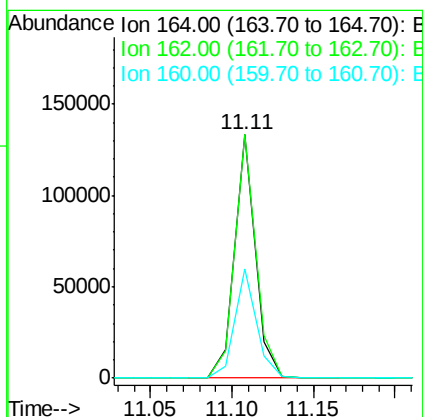
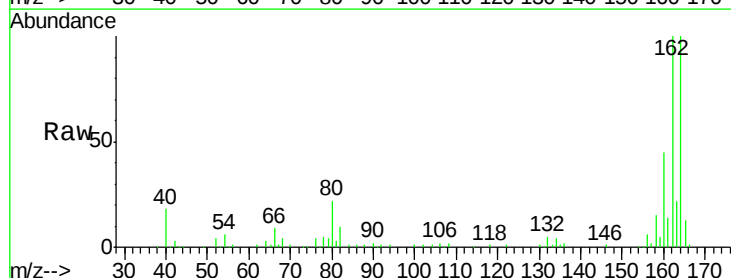
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	115305
Ion Ratio	Lower	Upper	
82	100		
128	44.7	30.0	45.0
54	50.4	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BF078936.D
 Acq: 5 May 2015 12:02

Tgt Ion	164	Resp	116914
Ion Ratio	Lower	Upper	
164	100		
162	100.2	82.7	124.1
160	45.0	35.8	53.8

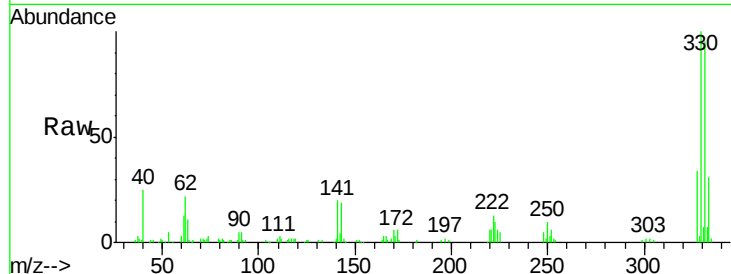




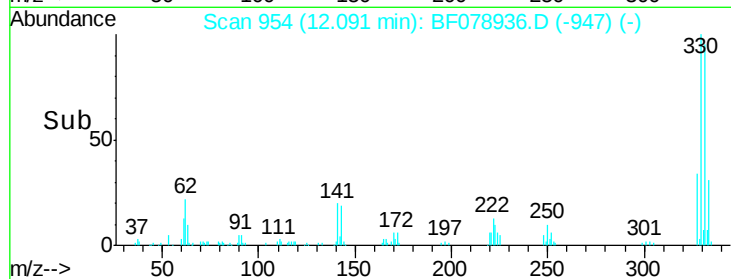
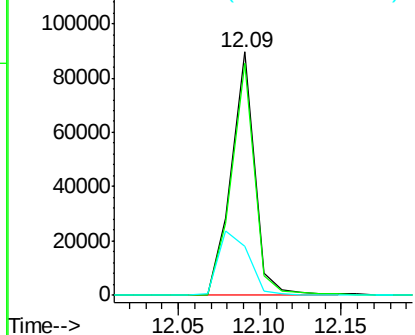
#41
 2,4,6-Tribromophenol
 Concen: 70.52 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078936.D
 Acq: 5 May 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	34.1	0.0	0.0#

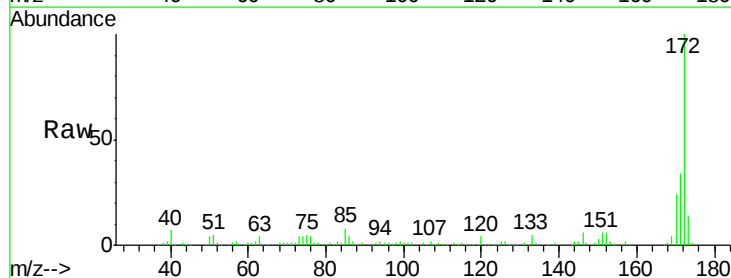


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

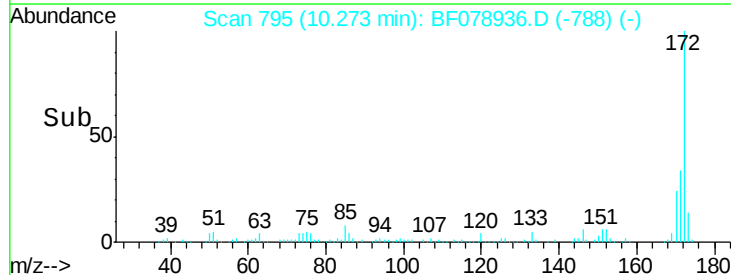
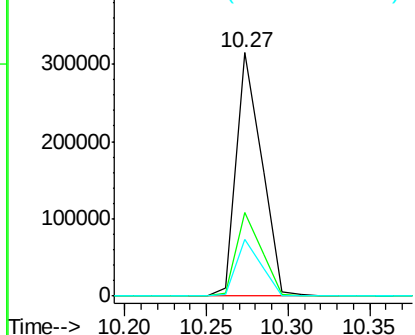


#44
 2-Fluorobiphenyl
 Concen: 40.33 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF078936.D
 Acq: 5 May 2015 12:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.9	41.9
170	23.5	19.4	29.0



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





#49

Dimethylphthalate

Concen: 2.58 ng

RT: 10.78 min Scan# 839

Delta R.T. -0.03 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

Instrument :

BNA_F

ClientSampleId :

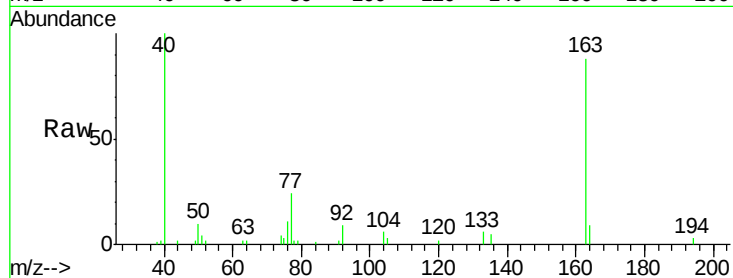
Tot Ion:163 Resp: 22152

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

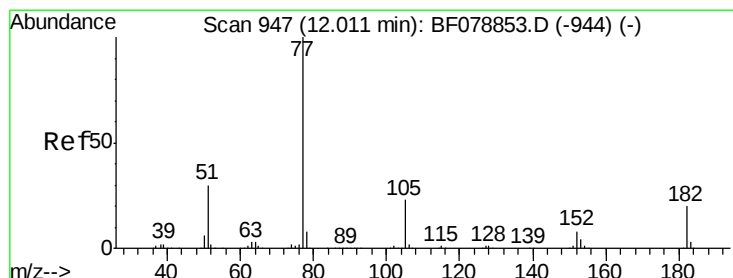
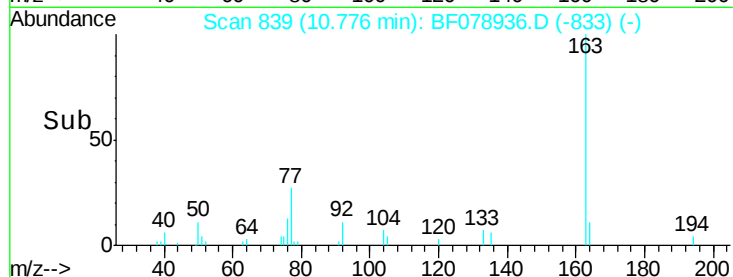
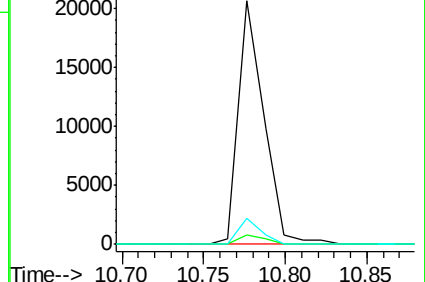
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#62

Azobenzene

Concen: 3.30 ng

RT: 12.01 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

Tgt Ion: 77 Resp: 27614

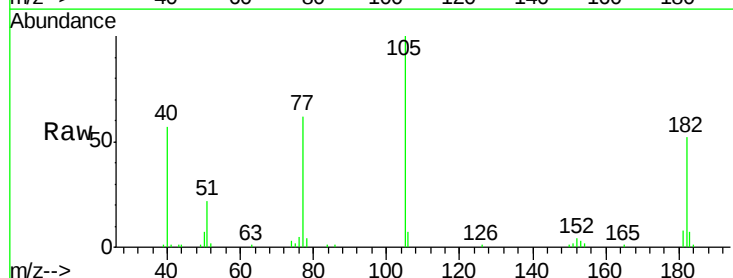
Ion Ratio Lower Upper

77 100

182 84.0 3.8 43.8#

105 162.6 3.9 43.9#

51 35.8 10.8 50.8

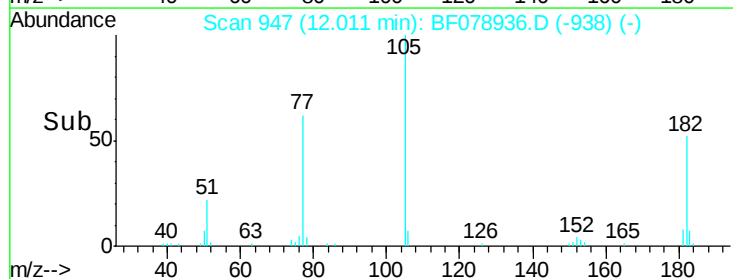
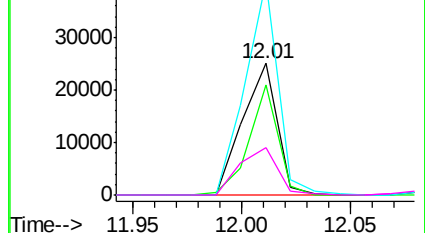


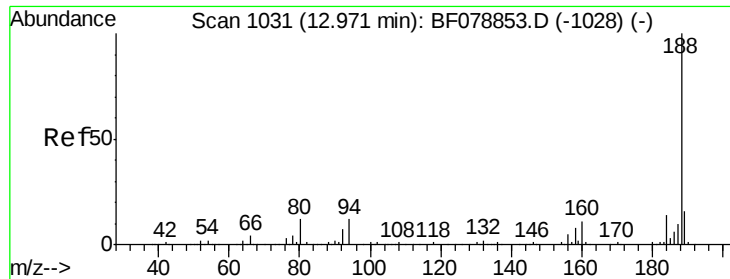
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

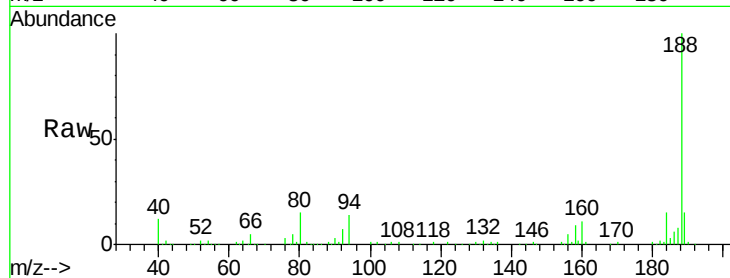




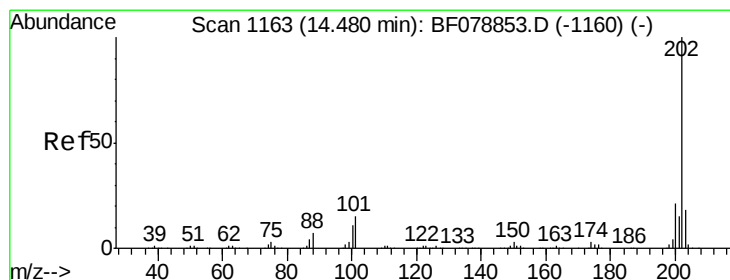
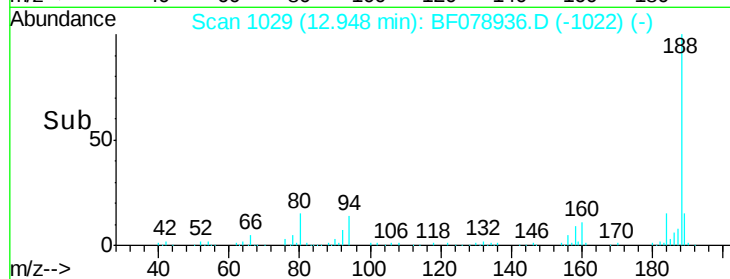
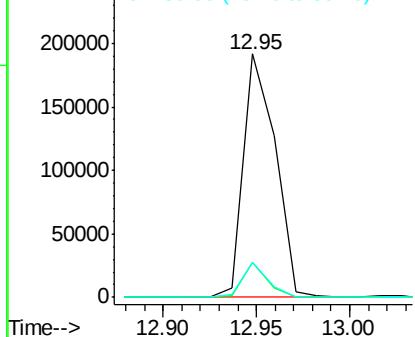
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF078936.D
Acq: 5 May 2015 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 227440
Ion Ratio Lower Upper
188 100
94 14.2 8.2 12.2#
80 14.6 8.9 13.3#

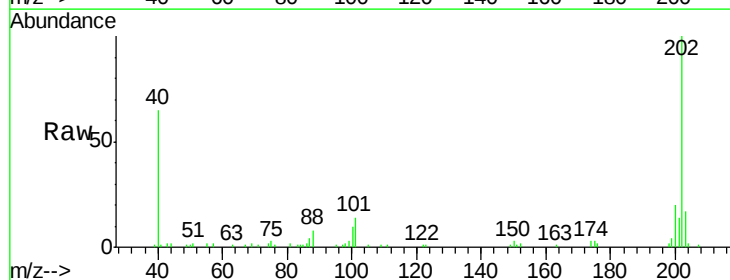


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

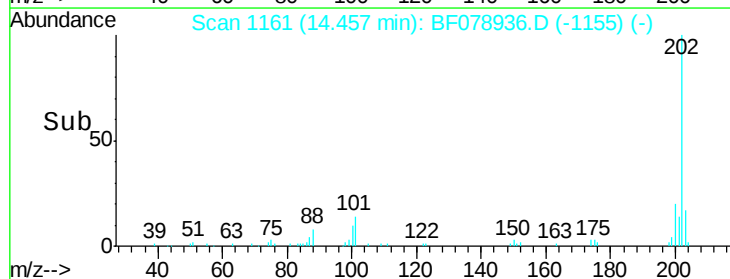
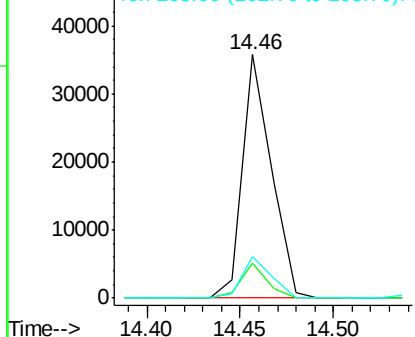


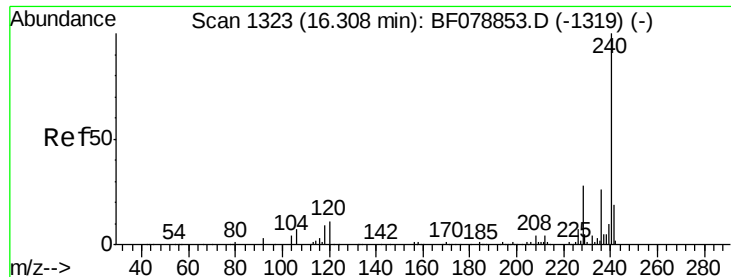
#74
Fluoranthene
Concen: 2.90 ng
RT: 14.46 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF078936.D
Acq: 5 May 2015 12:02

Tgt Ion:202 Resp: 38472
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.6
203 16.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

Instrument :

BNA_F

ClientSampleId :

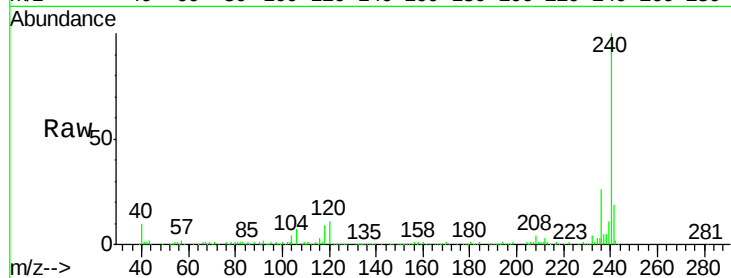
Tot Ion:240 Resp: 262118

Ion Ratio Lower Upper

240 100

120 11.1 9.7 14.5

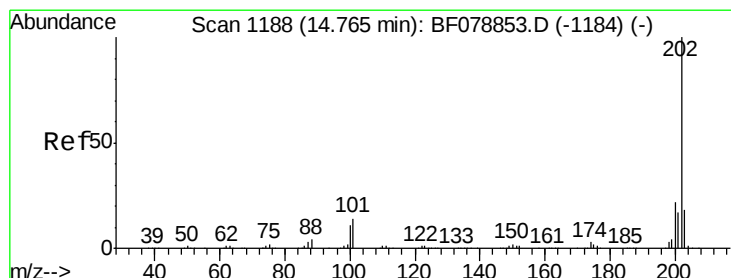
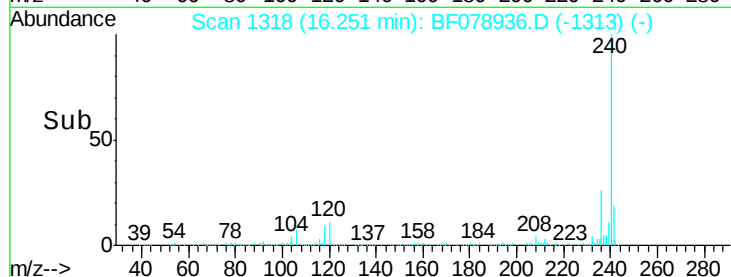
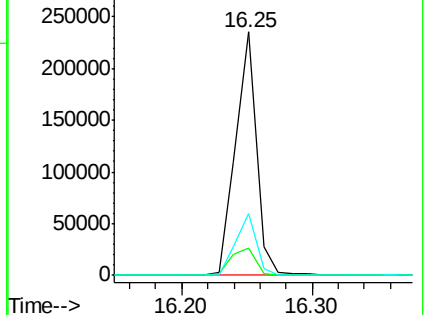
236 25.5 20.2 30.4



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



#77

Pyrene

Concen: 2.44 ng

RT: 14.74 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF078936.D

Acq: 5 May 2015 12:02

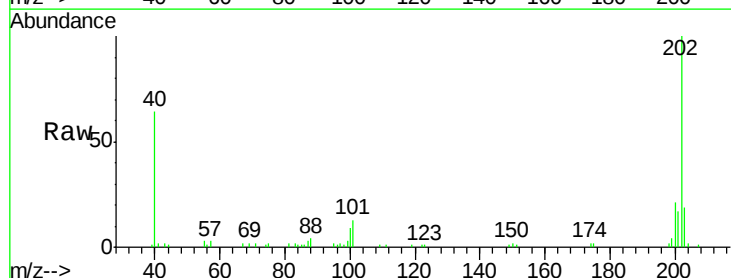
Tgt Ion:202 Resp: 36810

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

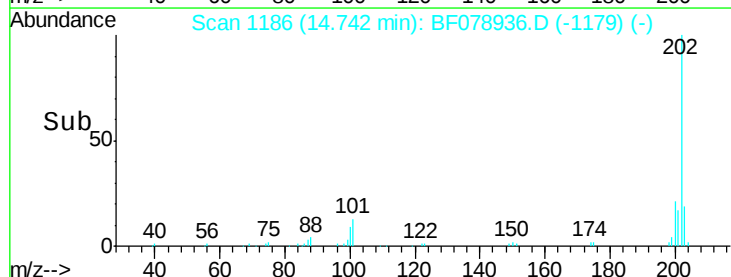
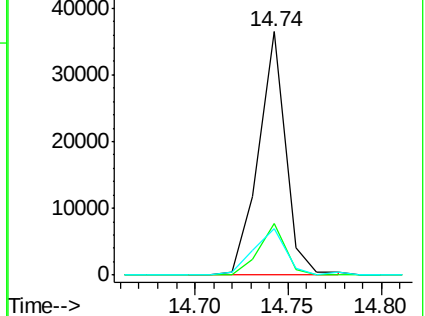
203 19.3 13.9 20.9

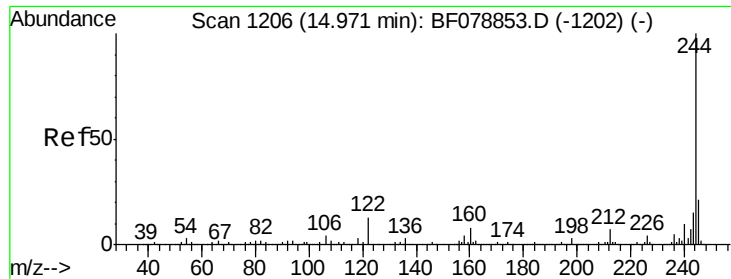


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

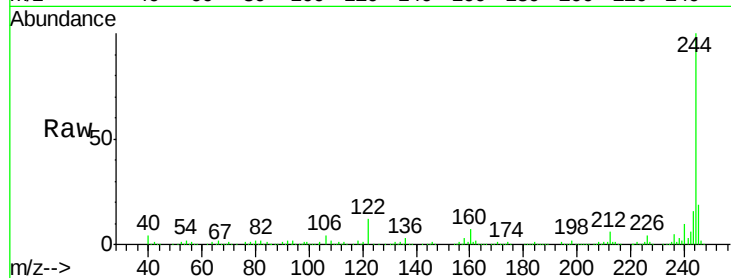




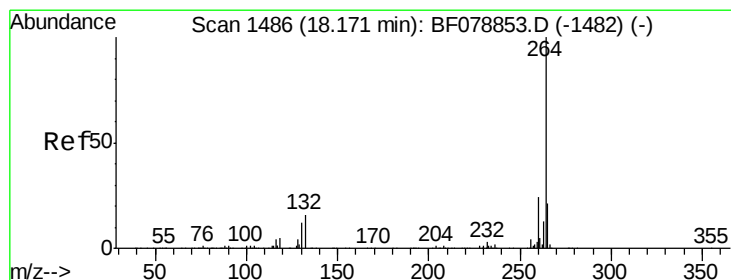
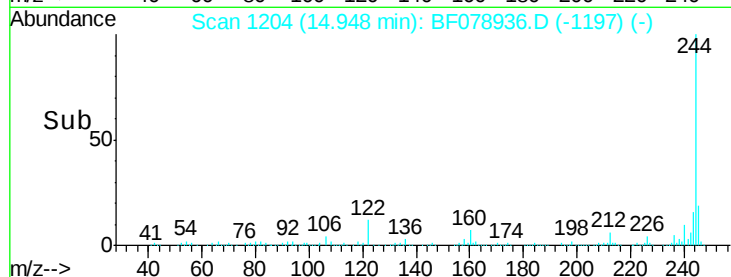
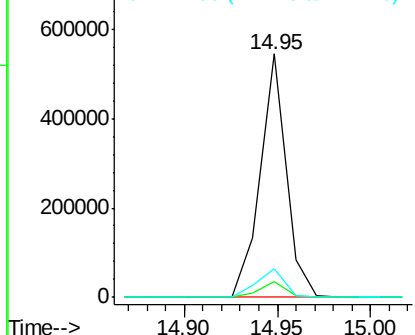
#78
 Terphenyl-d14
 Concen: 48.15 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF078936.D
 Acq: 5 May 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 527183
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.6 10.3 15.5

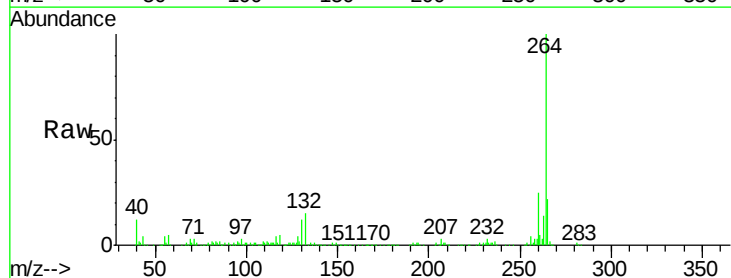


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

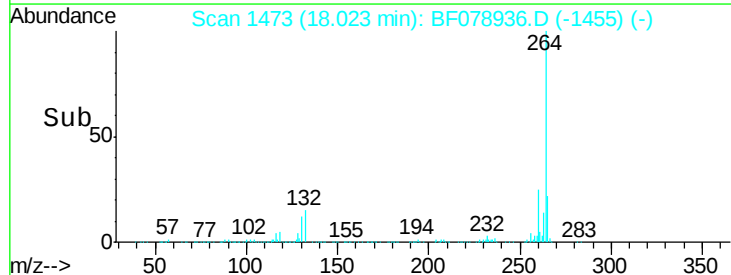
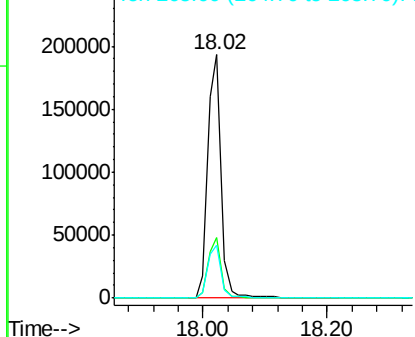


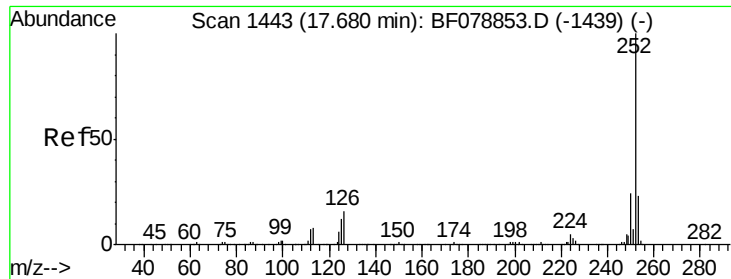
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.02 min Scan# 1473
 Delta R.T. -0.09 min
 Lab File: BF078936.D
 Acq: 5 May 2015 12:02

Tgt Ion:264 Resp: 287369
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.6 18.3 27.5



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

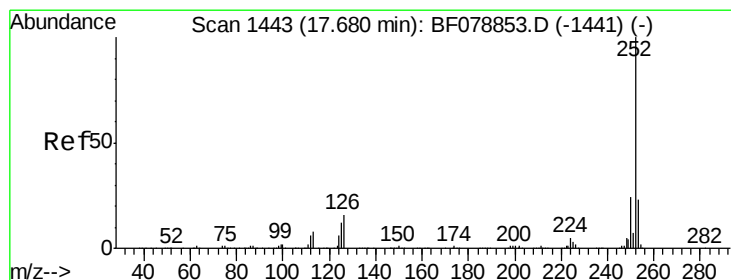
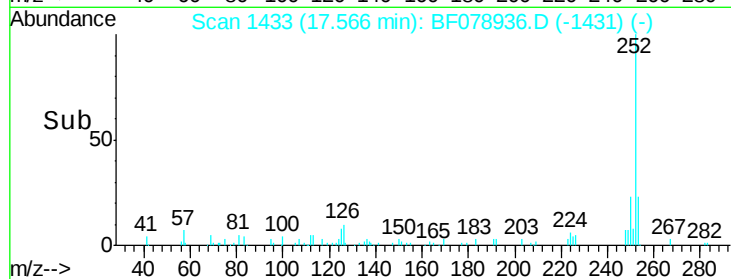
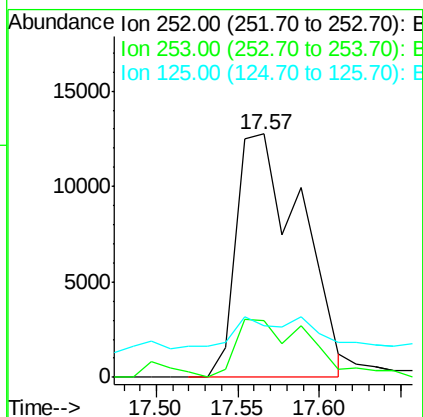
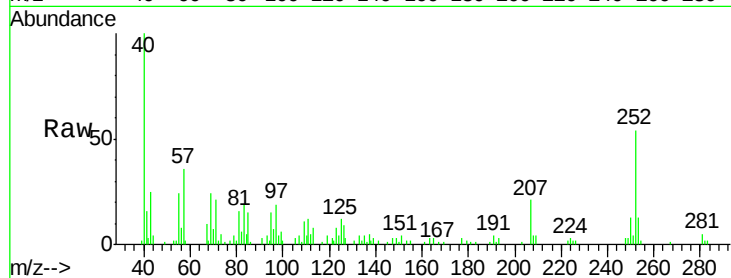




#87
Benzo(b)fluoranthene
Concen: 2.23 ng
RT: 17.57 min Scan# 1433
Delta R.T. -0.08 min
Lab File: BF078936.D
Acq: 5 May 2015 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 35072
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 21.2 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 2.38 ng
RT: 17.57 min Scan# 1433
Delta R.T. -0.11 min
Lab File: BF078936.D
Acq: 5 May 2015 12:02

Tgt Ion:252 Resp: 36167
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 21.2 10.0 15.0#

