

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
 Data File : BF078388.D
 Acq On : 10 Apr 2015 7:19
 Operator : TP/IZ
 Sample : G1782-03 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB09(2)

Quant Time: Apr 10 07:19:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 01:53:29 2015
 Response via : Initial Calibration

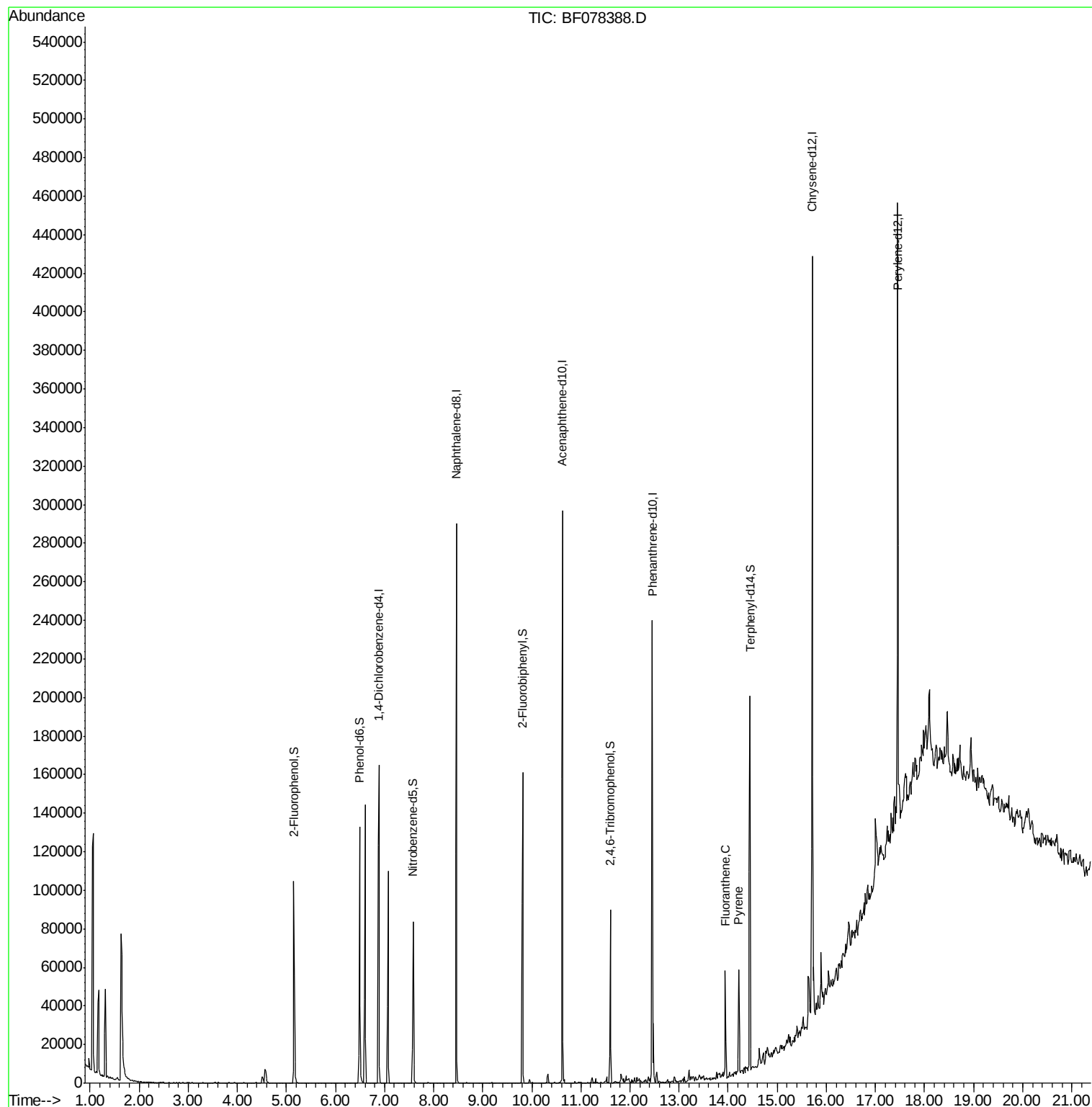
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	35242	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	150078	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	73065	20.00	ng	0.00
63) Phenanthrene-d10	12.45	188	136637	20.00	ng	0.01
75) Chrysene-d12	15.71	240	145909	20.00	ng	0.00
86) Perylene-d12	17.45	264	146542	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	40463	18.93	ng	0.01
7) Phenol-d6	6.49	99	53642	20.03	ng	0.01
23) Nitrobenzene-d5	7.58	82	28585	11.54	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	10889	17.97	ng	0.00
44) 2-Fluorobiphenyl	9.81	172	67319	13.17	ng	0.00
78) Terphenyl-d14	14.44	244	76912	11.91	ng	0.00
Target Compounds						
74) Fluoranthene	13.94	202	25410	3.05	ng	Qvalue 95
77) Pyrene	14.21	202	22460	2.45	ng	# 93

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

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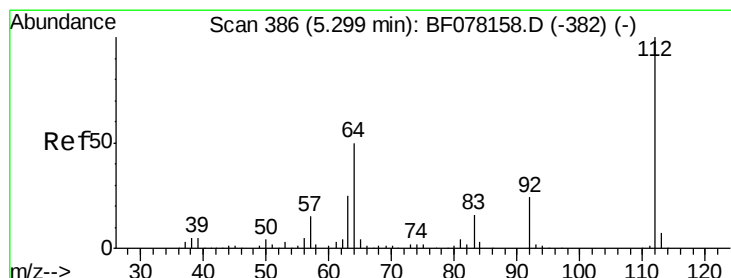
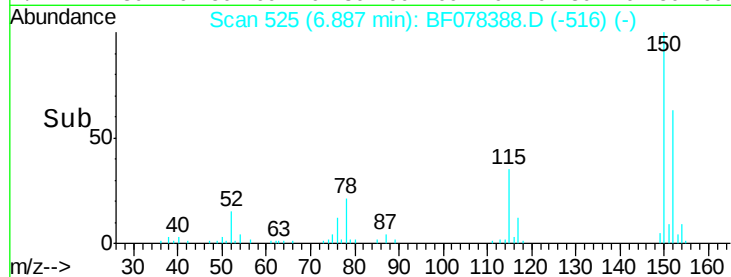
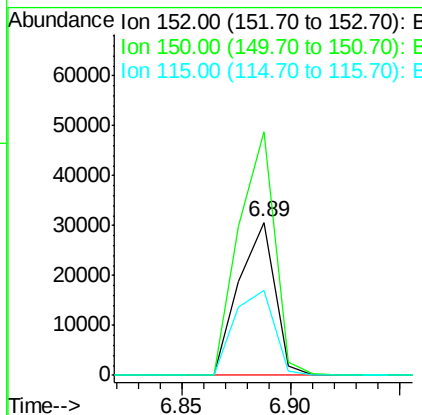
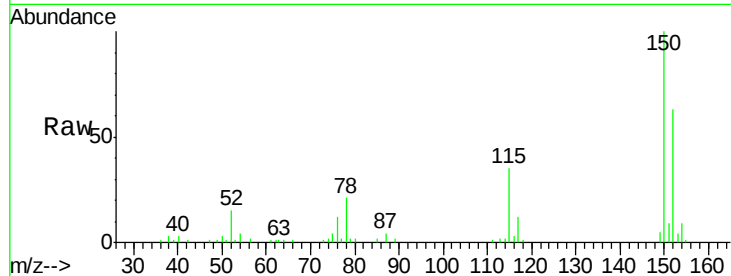


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF078388.D
Acq: 10 Apr 2015 7:19

Instrument :
BNA_F
ClientSampleId :
SB09(2)

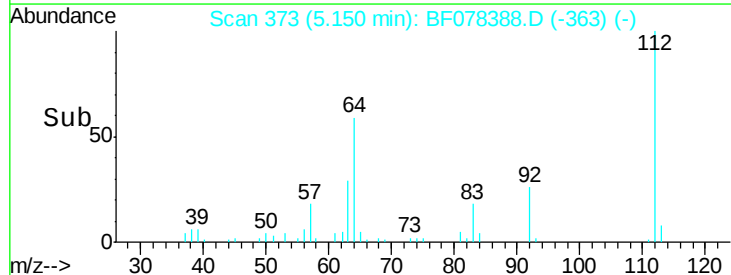
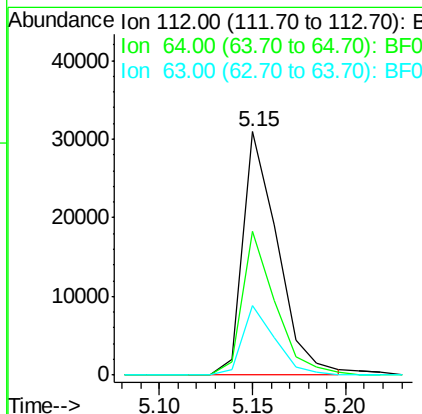
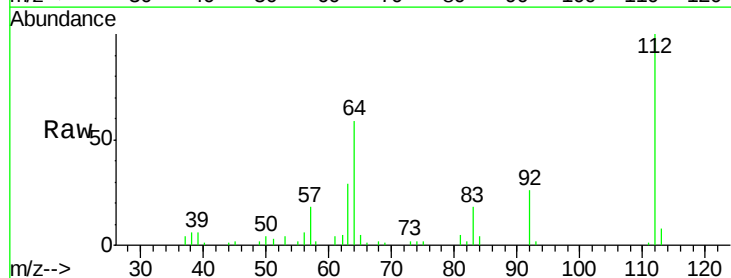
Tot Ion:152 Resp: 35242
Ion Ratio Lower Upper
152 100
150 159.1 125.9 188.9
115 55.3 52.7 79.1

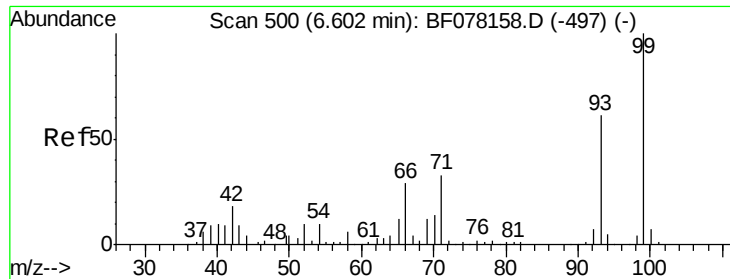


#5

2-Fluorophenol
Concen: 18.93 ng
RT: 5.15 min Scan# 373
Delta R.T. 0.01 min
Lab File: BF078388.D
Acq: 10 Apr 2015 7:19

Tgt Ion:112 Resp: 40463
Ion Ratio Lower Upper
112 100
64 58.9 39.9 59.9
63 28.8 20.2 30.4





#7

Phenol-d6

Concen: 20.03 ng

RT: 6.49 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF078388.D

Acq: 10 Apr 2015 7:19

Instrument :

BNA_F

ClientSampleId :

SB09(2)

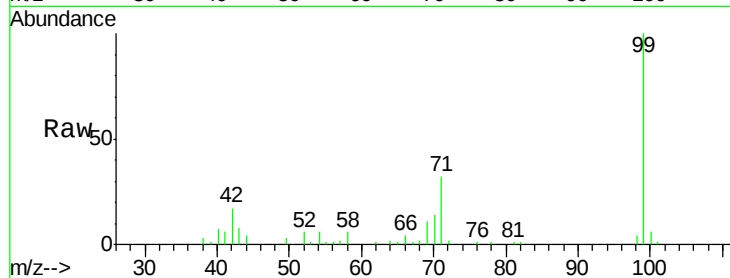
Tot Ion: 99 Resp: 53642

Ion Ratio Lower Upper

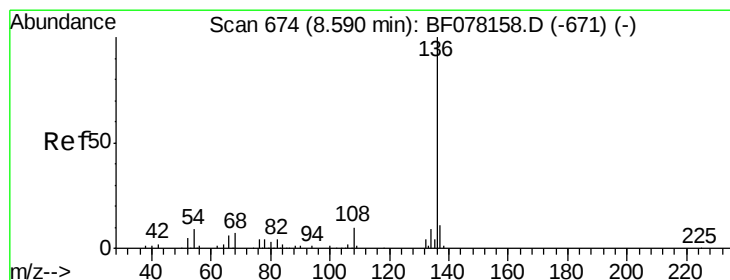
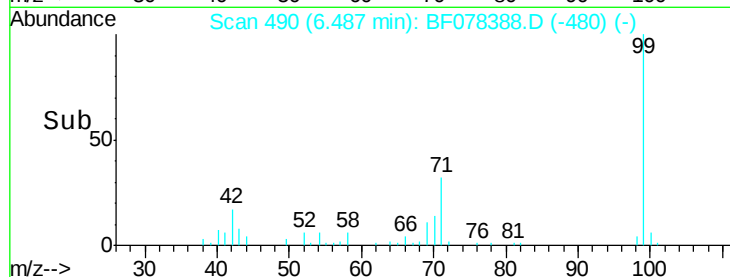
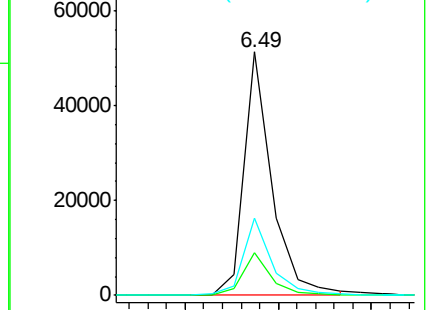
99 100

42 17.3 14.8 22.2

71 31.8 26.6 39.8



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: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078388.D

Acq: 10 Apr 2015 7:19

Tgt Ion: 136 Resp: 150078

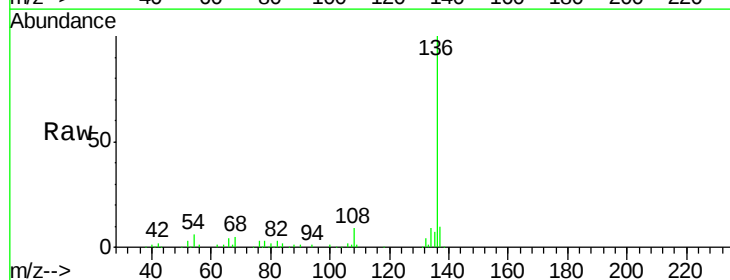
Ion Ratio Lower Upper

136 100

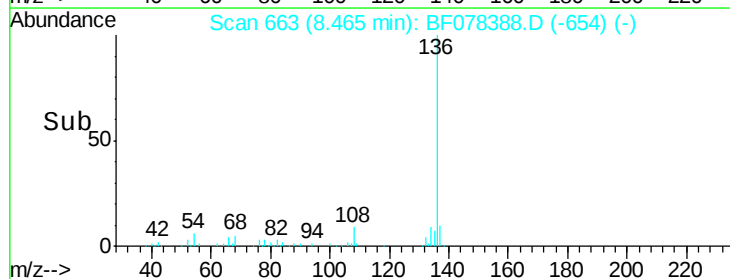
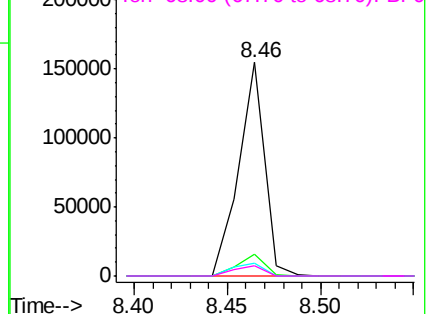
137 10.3 9.0 13.4

54 5.7 7.0 10.6#

68 4.9 5.4 8.2#



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

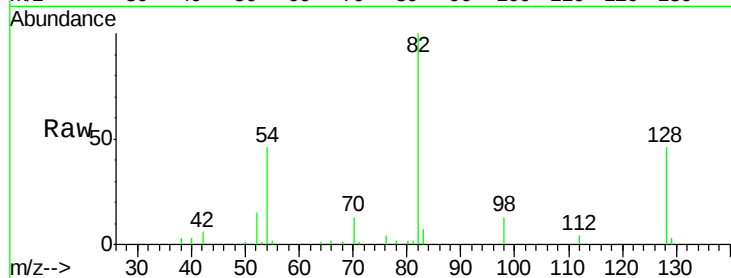




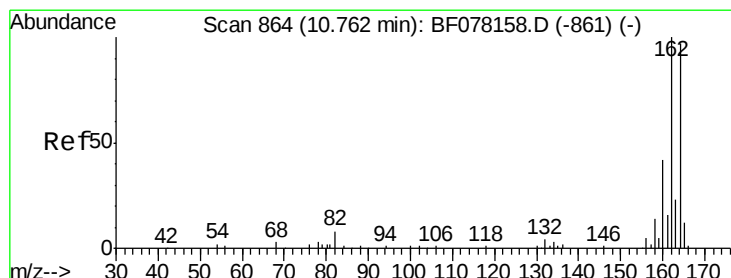
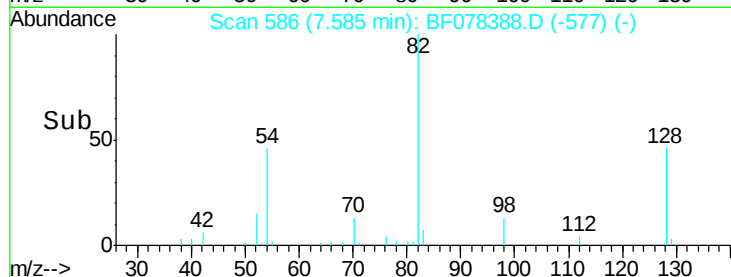
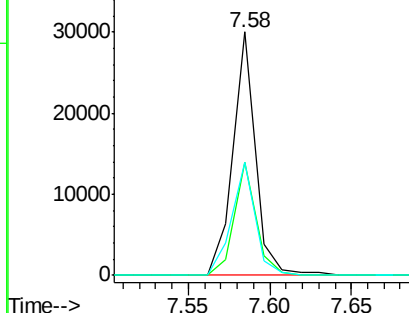
#23
 Nitrobenzene-d5
 Concen: 11.54 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF078388.D
 Acq: 10 Apr 2015 7:19

Instrument :
 BNA_F
 ClientSampleId :
 SB09(2)

Tot Ion	82	Resp	28585
Ion Ratio	Lower	Upper	
82	100		
128	46.3	31.8	47.8
54	46.5	41.5	62.3

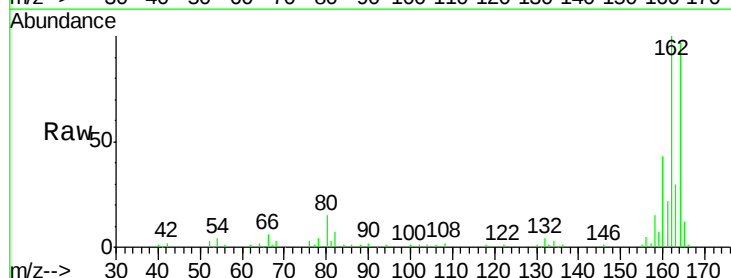


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

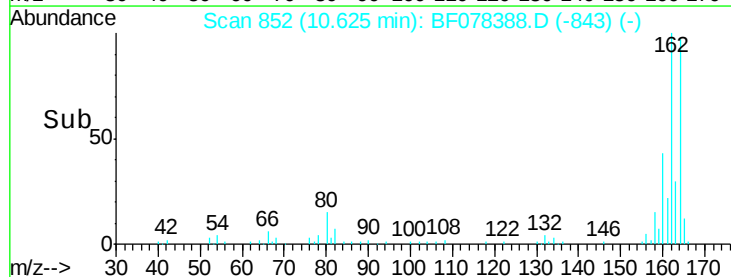
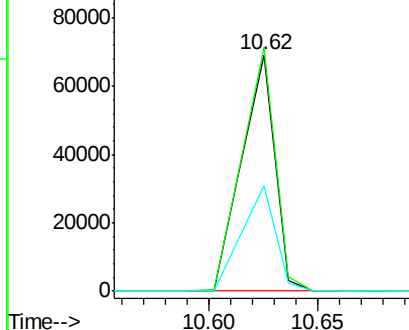


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.62 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF078388.D
 Acq: 10 Apr 2015 7:19

Tgt Ion	164	Resp	73065
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.2	123.2
160	44.6	34.7	52.1



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

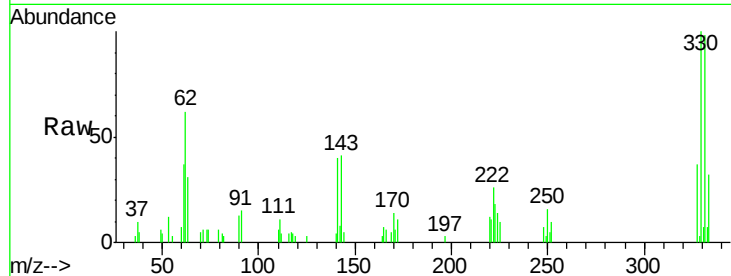




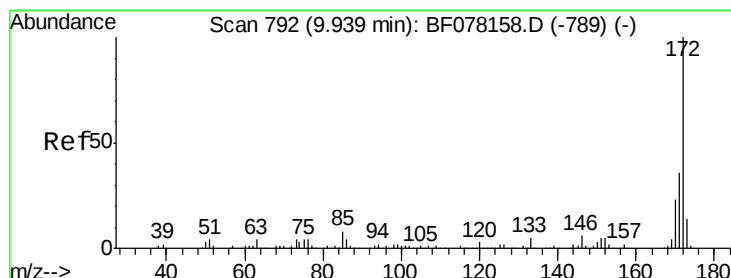
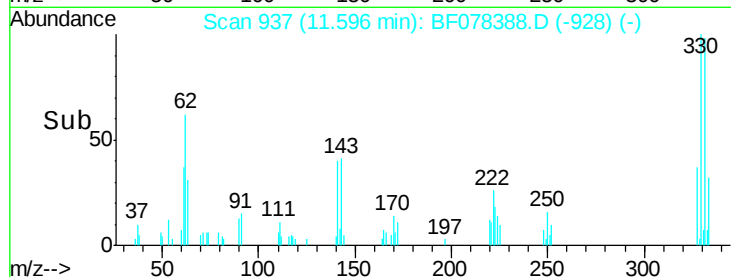
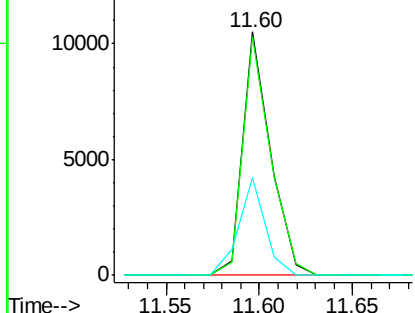
#41
 2,4,6-Tribromophenol
 Concen: 17.97 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF078388.D
 Acq: 10 Apr 2015 7:19

Instrument :
 BNA_F
 ClientSampleId :
 SB09(2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.6	117.8
141	38.6	31.2	46.8

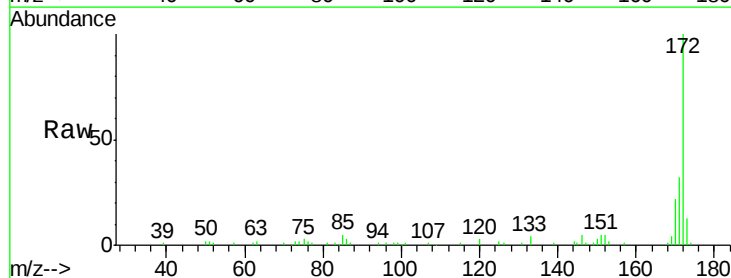


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

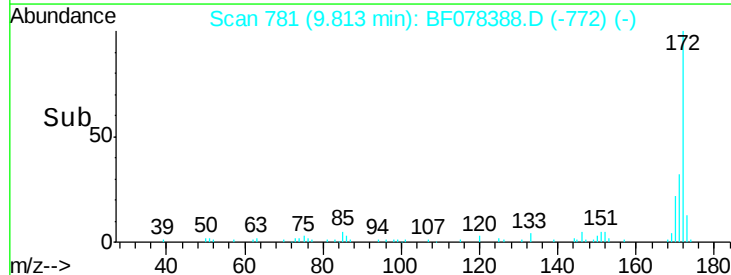
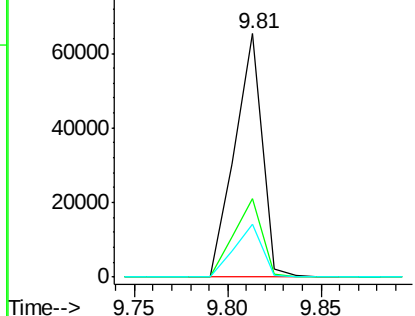


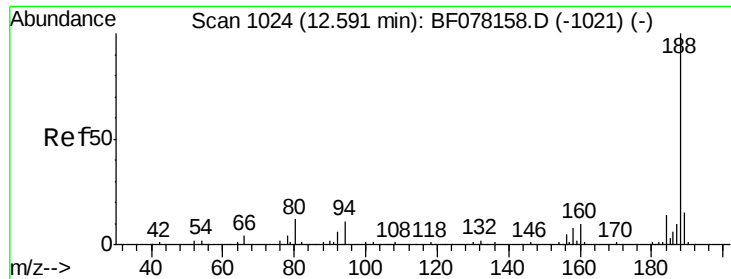
#44
 2-Fluorobiphenyl
 Concen: 13.17 ng
 RT: 9.81 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF078388.D
 Acq: 10 Apr 2015 7:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.4	28.6	42.8
170	21.8	18.5	27.7



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

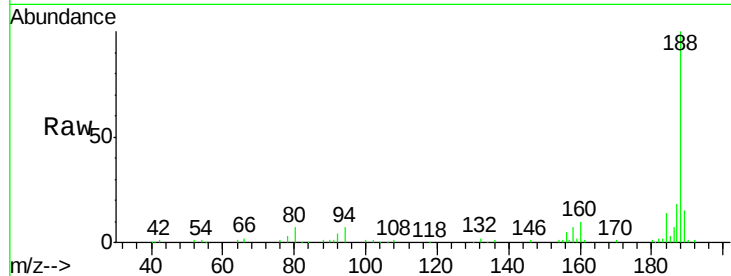




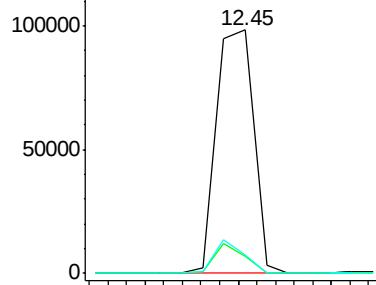
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.45 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF078388.D
Acq: 10 Apr 2015 7:19

Instrument :
BNA_F
ClientSampleId :
SB09(2)

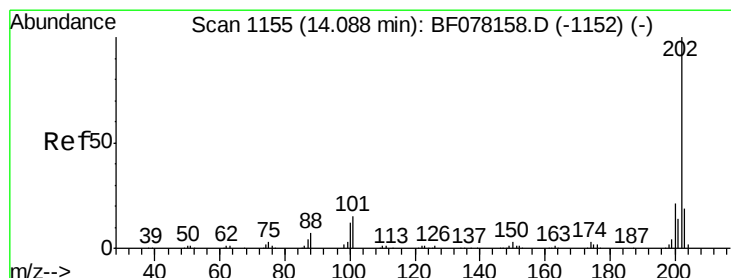
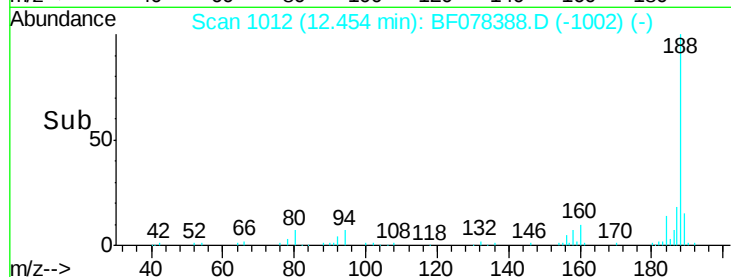
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.0	13.4#
80	7.3	9.5	14.3#



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

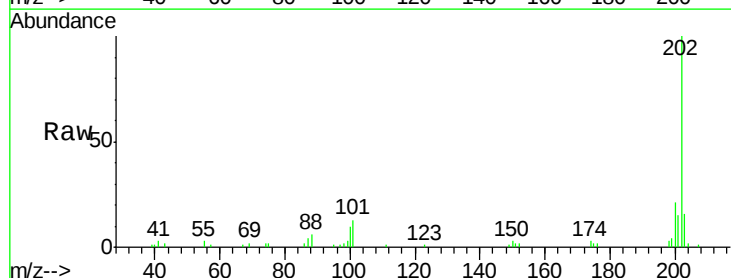


Time-->

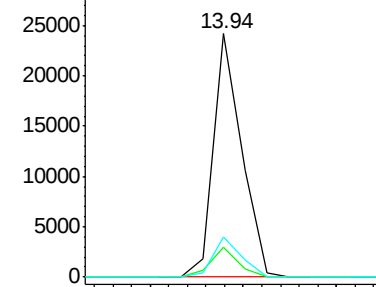


#74
Fluoranthene
Concen: 3.05 ng
RT: 13.94 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF078388.D
Acq: 10 Apr 2015 7:19

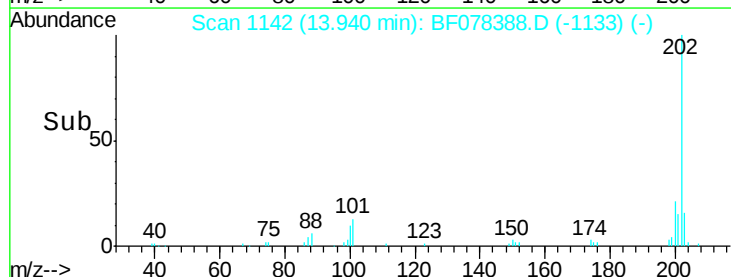
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	35.2
203	16.4	0.0	38.5

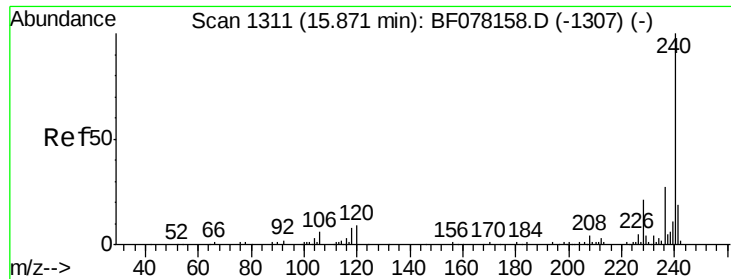


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->

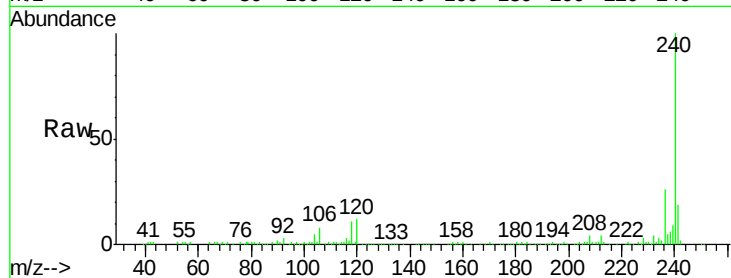




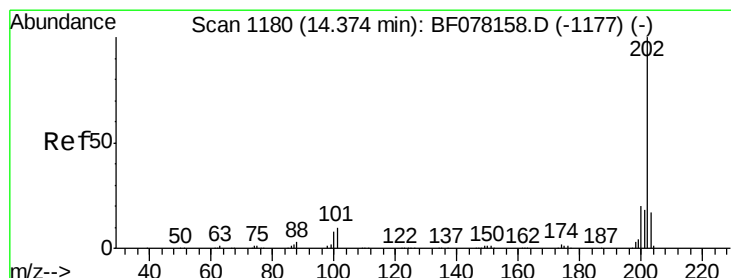
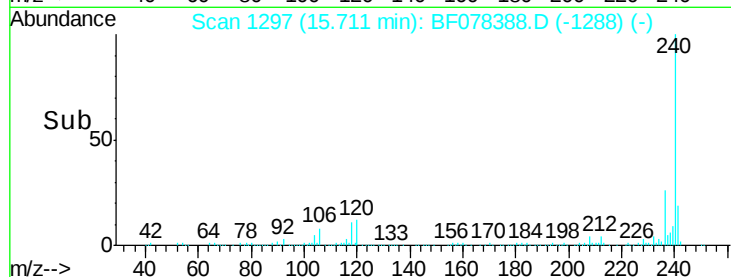
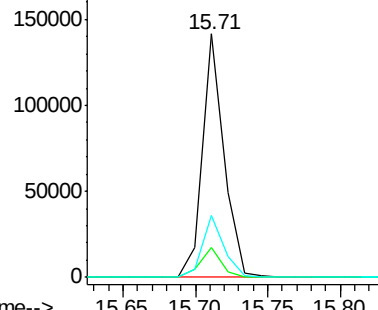
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF078388.D
Acq: 10 Apr 2015 7:19

Instrument :
BNA_F
ClientSampleId :
SB09(2)

Tot Ion:240 Resp: 145909
Ion Ratio Lower Upper
240 100
120 12.5 7.1 10.7#
236 25.5 21.4 32.2

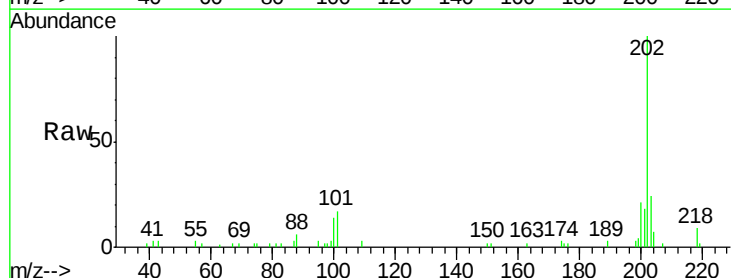


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

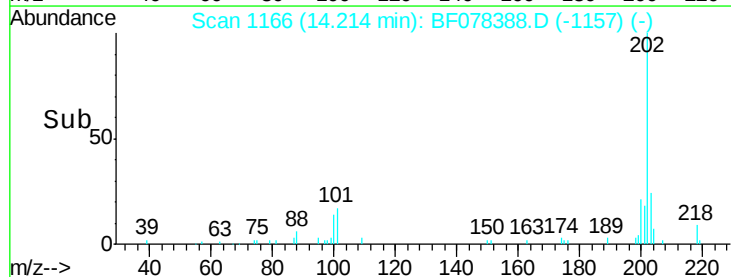
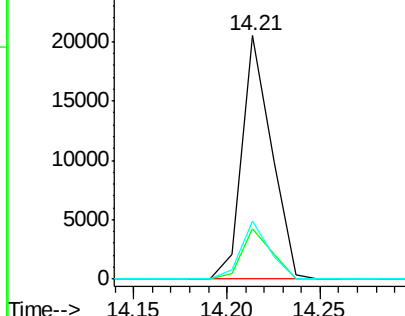


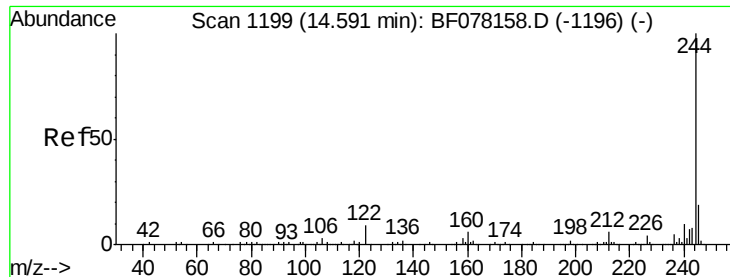
#77
Pyrene
Concen: 2.45 ng
RT: 14.21 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF078388.D
Acq: 10 Apr 2015 7:19

Tgt Ion:202 Resp: 22460
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 23.8 13.8 20.6#



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: 11.91 ng

RT: 14.44 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF078388.D

Acq: 10 Apr 2015 7:19

Instrument :

BNA_F

ClientSampleId :

SB09(2)

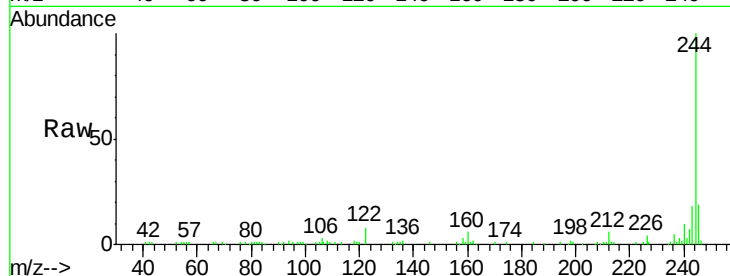
Tot Ion:244 Resp: 76912

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

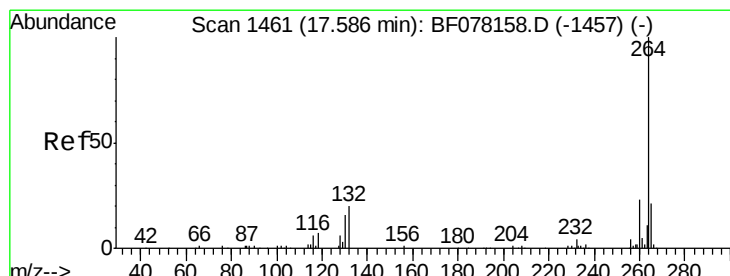
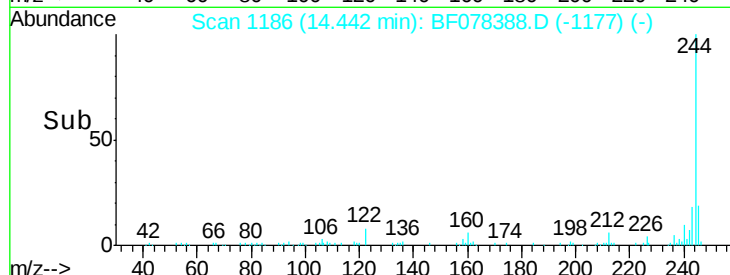
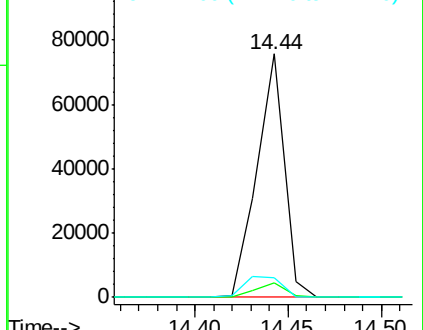
122 8.2 7.1 10.7



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: 17.45 min Scan# 1449

Delta R.T. 0.03 min

Lab File: BF078388.D

Acq: 10 Apr 2015 7:19

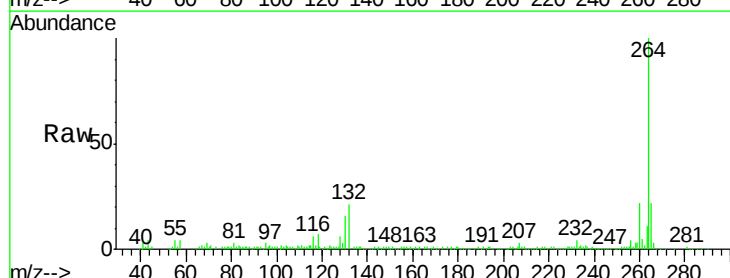
Tgt Ion:264 Resp: 146542

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 21.8 17.0 25.6



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

