

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078889.D
 Acq On : 1 May 2015 13:34
 Operator : TP/IZ
 Sample : G2024-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 14:16:59 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

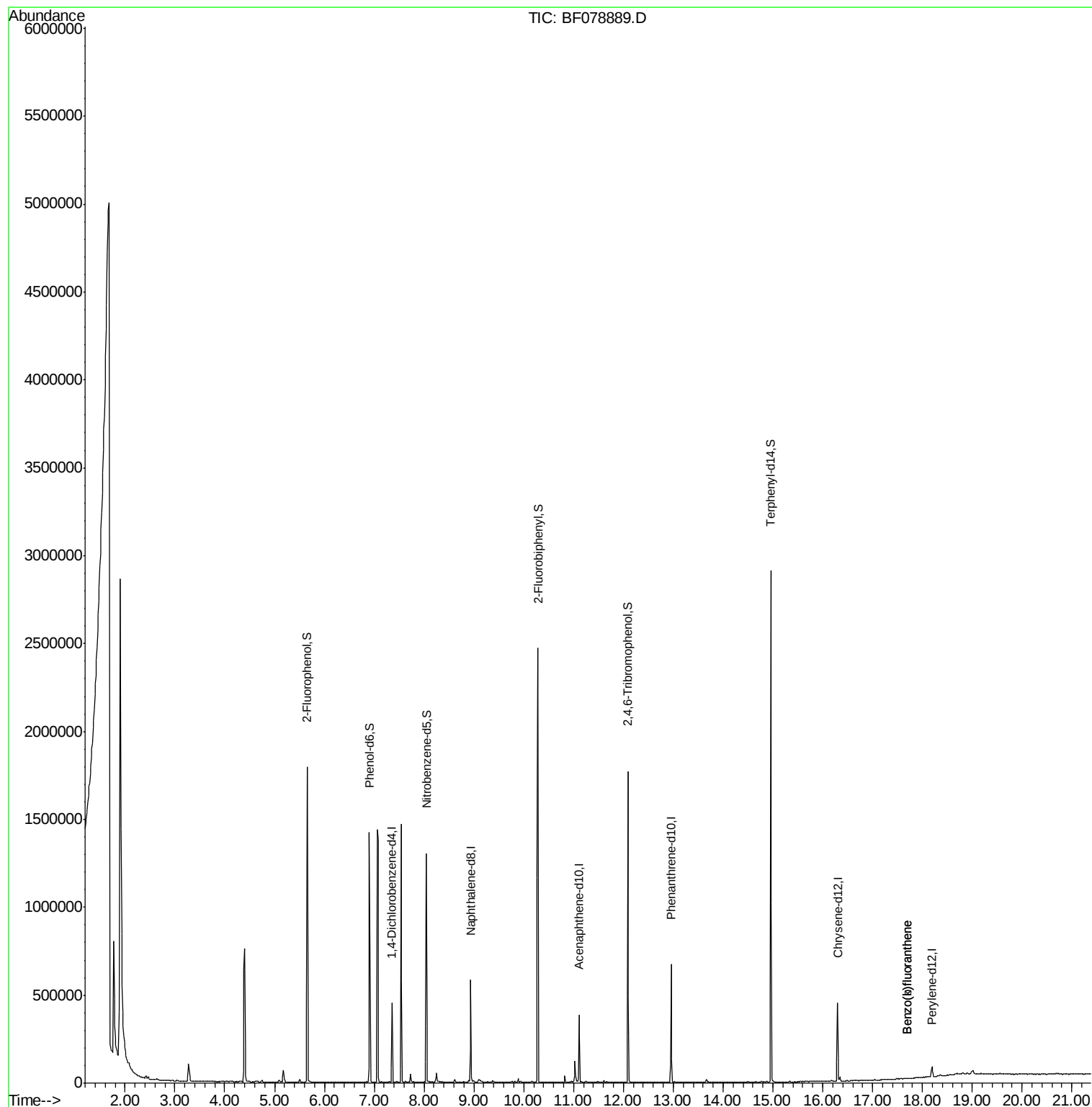
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	66412	20.00	ng	-0.01
21) Naphthalene-d8	8.94	136	265078	20.00	ng	-0.01
38) Acenaphthene-d10	11.11	164	89663	20.00	ng	-0.02
63) Phenanthrene-d10	12.96	188	238385	20.00	ng	-0.01
75) Chrysene-d12	16.30	240	149458	20.00	ng	0.00
86) Perylene-d12	18.18	264	13773	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	506699	131.33	ng	-0.01
7) Phenol-d6	6.90	99	538557	105.61	ng	-0.02
23) Nitrobenzene-d5	8.04	82	402848	87.34	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	223288	230.20	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	874363	135.86	ng	-0.01
78) Terphenyl-d14	14.96	244	1021982	163.71	ng	-0.01
Target Compounds						
87) Benzo(b)fluoranthene	17.69	252	2170	2.88	ng	# 59
88) Benzo(k)fluoranthene	17.69	252	2170	2.97	ng	# 58

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

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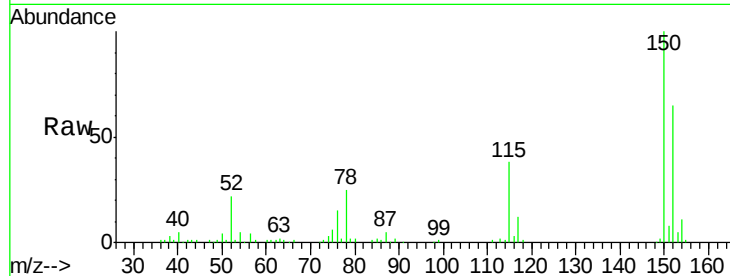


#1

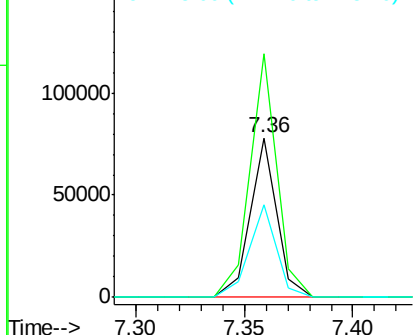
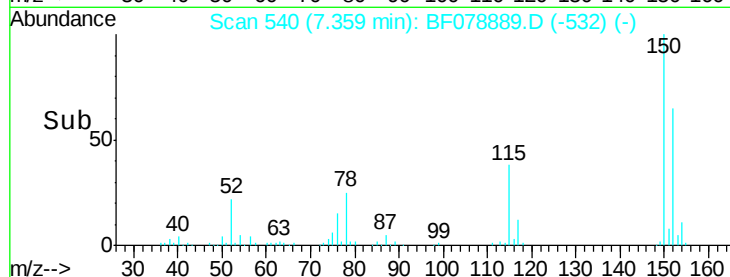
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF078889.D
Acq: 1 May 2015 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66412
Ion Ratio Lower Upper
152 100
150 152.8 122.0 183.0
115 58.3 46.3 69.5



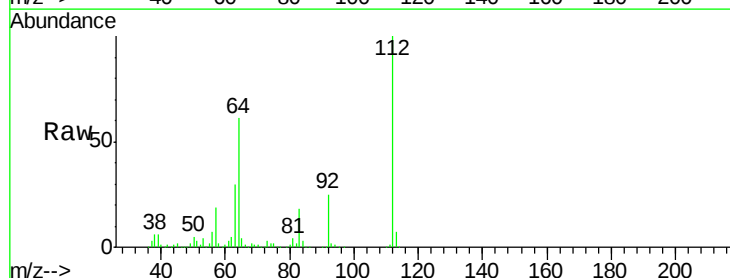
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



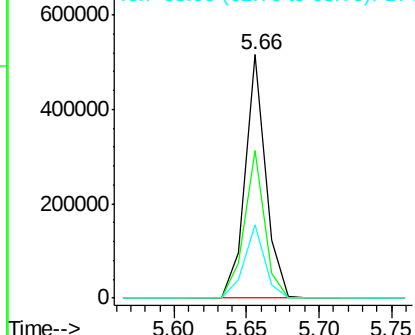
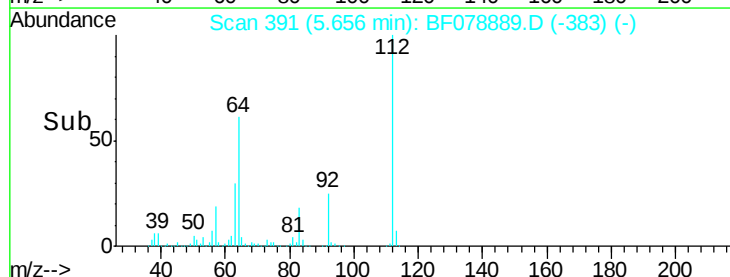
#5

2-Fluorophenol
Concen: 131.33 ng
RT: 5.66 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF078889.D
Acq: 1 May 2015 13:34

Tgt Ion:112 Resp: 506699
Ion Ratio Lower Upper
112 100
64 60.8 53.5 80.3
63 30.3 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: 105.61 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078889.D

Acq: 1 May 2015 13:34

Instrument :

BNA_F

ClientSampleId :

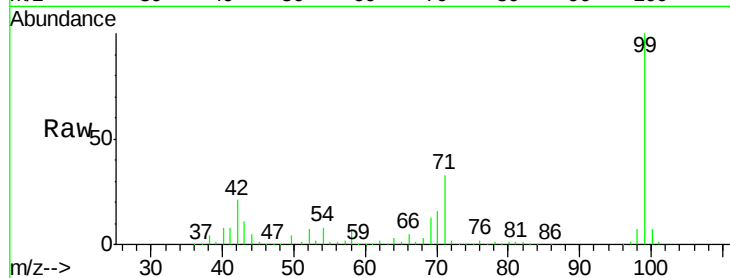
Tot Ion: 99 Resp: 538557

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

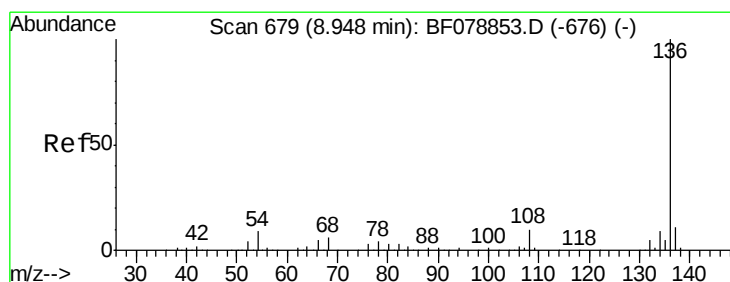
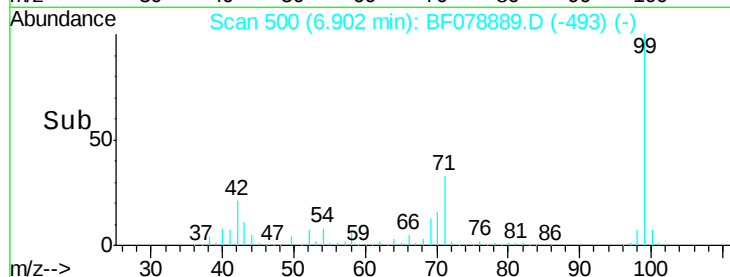
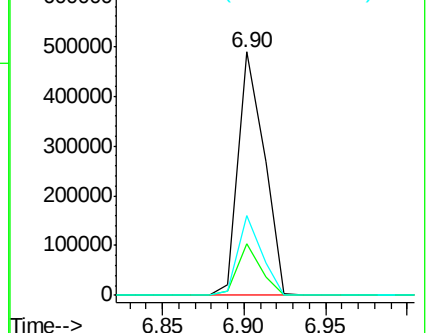
71 32.6 23.4 35.2



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: BF078889.D

Acq: 1 May 2015 13:34

Tgt Ion: 136 Resp: 265078

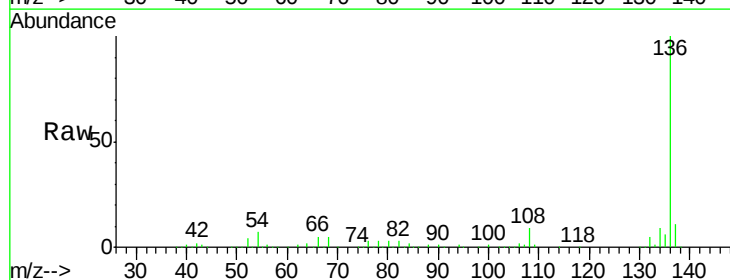
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.2 5.8 8.8

68 5.2 4.2 6.4

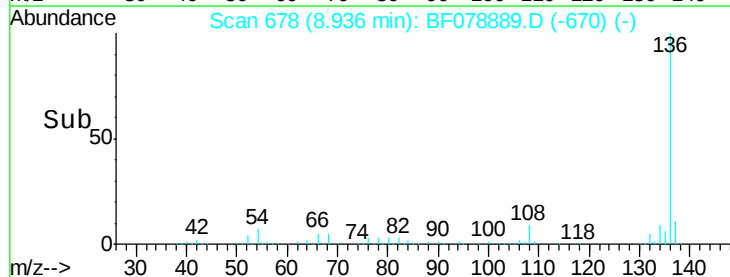
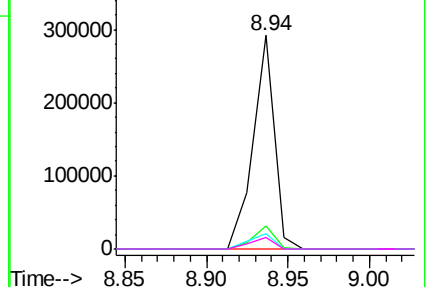


Abundance Ion 136.00 (135.70 to 136.70): E

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

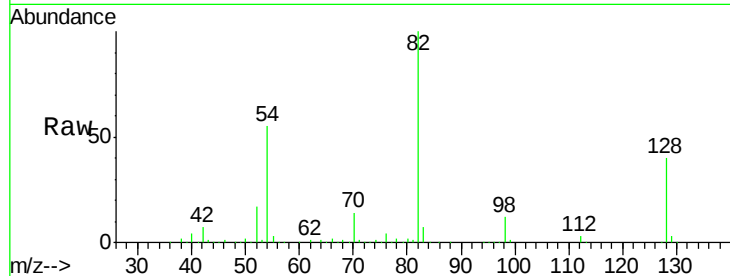




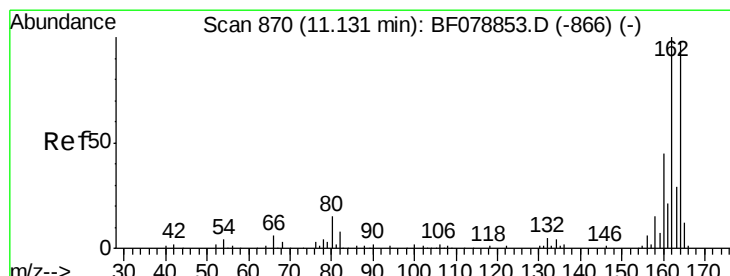
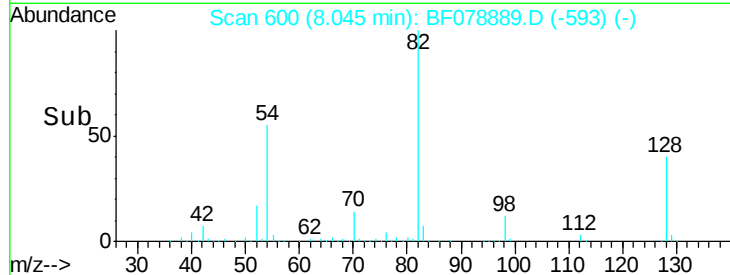
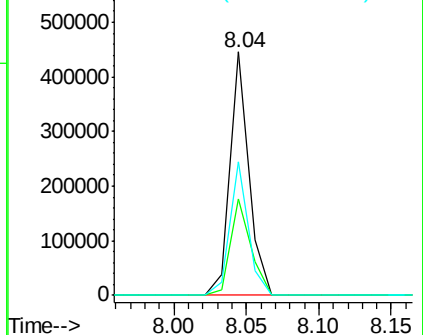
#23
 Nitrobenzene-d5
 Concen: 87.34 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF078889.D
 Acq: 1 May 2015 13:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 402848
 Ion Ratio Lower Upper
 82 100
 128 39.8 30.0 45.0
 54 54.9 46.4 69.6

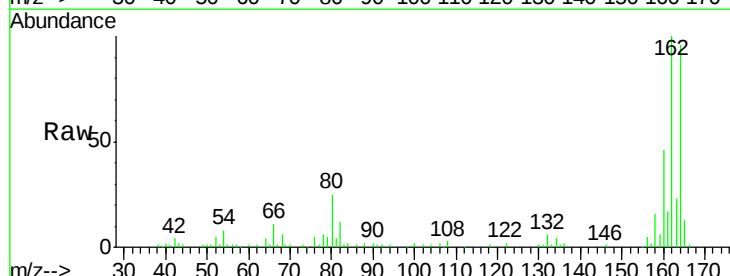


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

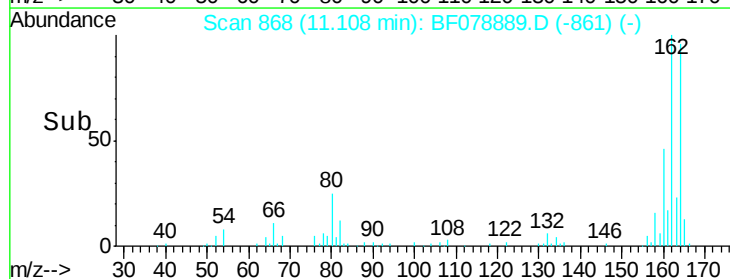
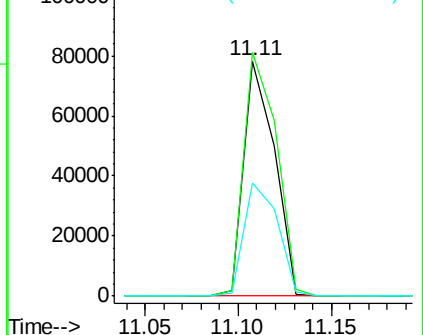


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BF078889.D
 Acq: 1 May 2015 13:34

Tgt Ion:164 Resp: 89663
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.7 124.1
 160 48.1 35.8 53.8



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

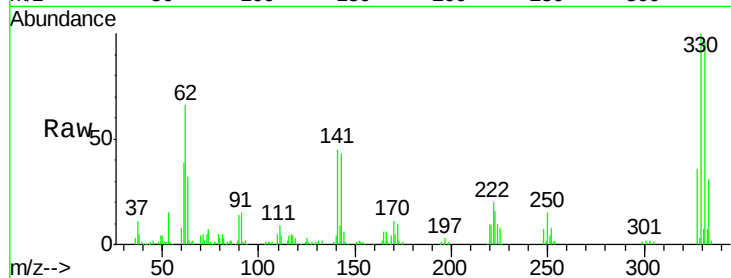




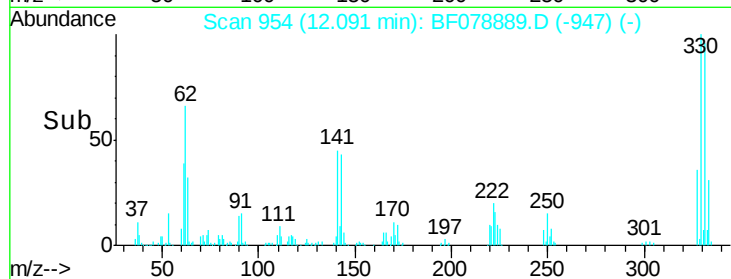
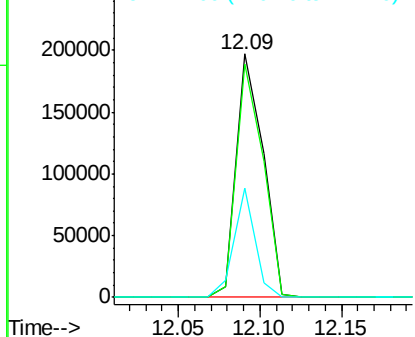
#41
 2,4,6-Tribromophenol
 Concen: 230.20 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078889.D
 Acq: 1 May 2015 13:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	35.3	0.0	0.0#

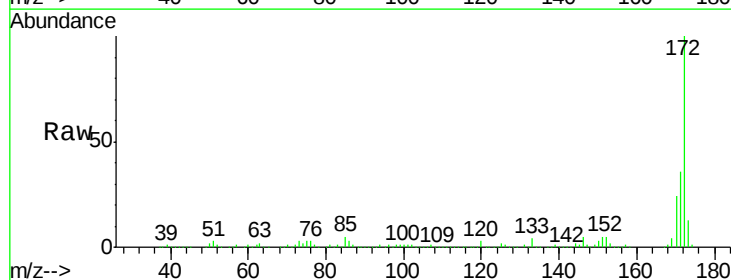


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

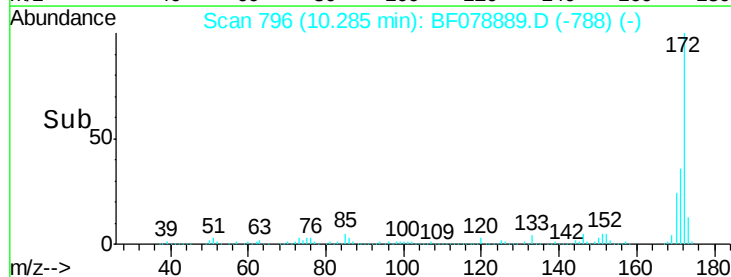
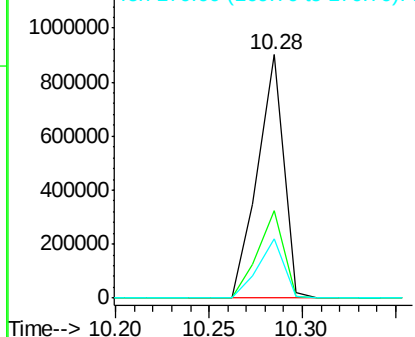


#44
 2-Fluorobiphenyl
 Concen: 135.86 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF078889.D
 Acq: 1 May 2015 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.4	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

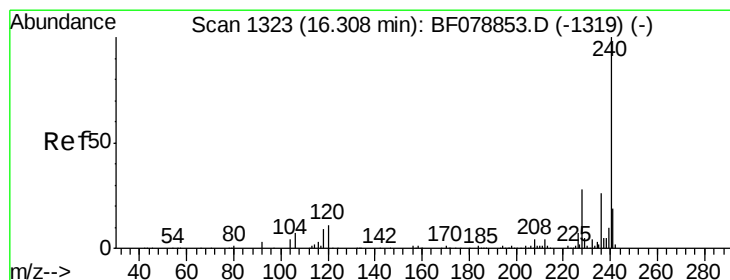
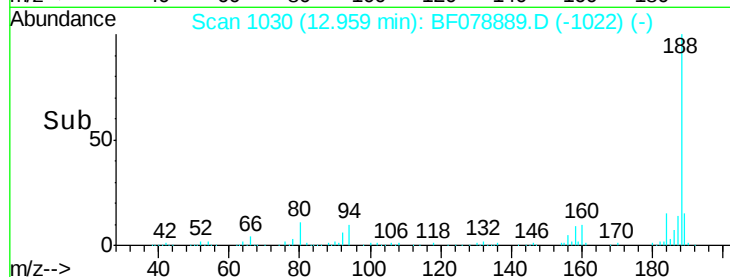
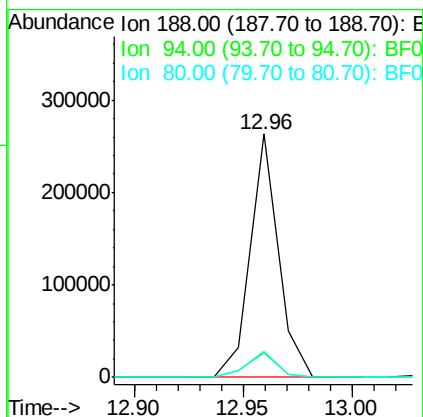
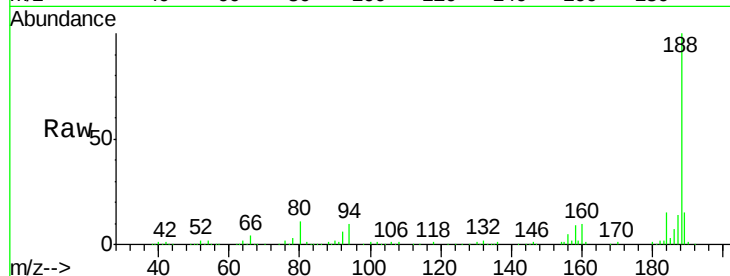




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF078889.D
Acq: 1 May 2015 13:34

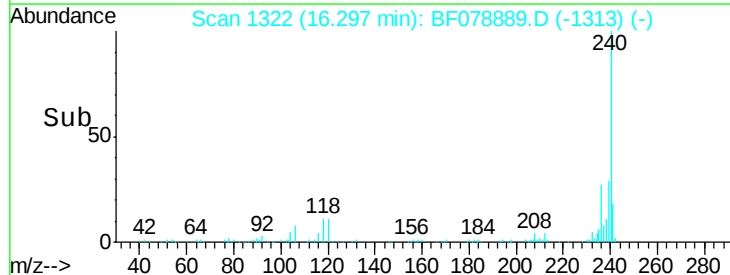
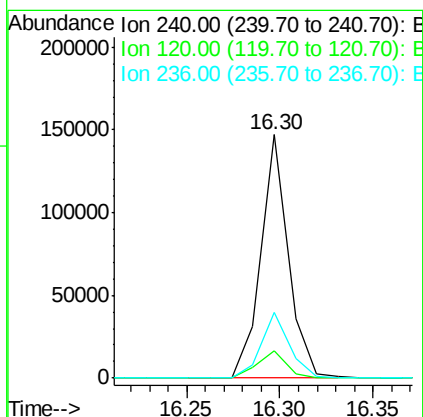
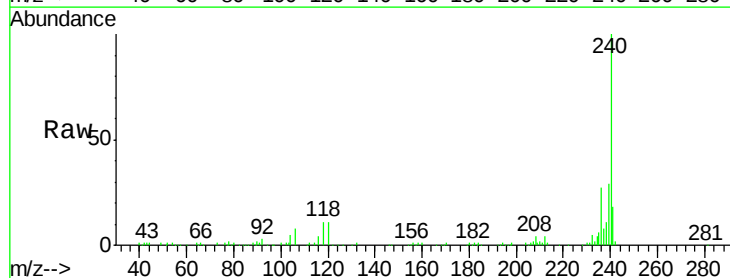
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	10.9	8.9	13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF078889.D
Acq: 1 May 2015 13:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.7	14.5
236	26.8	20.2	30.4





#78

Terphenyl-d14

Concen: 163.71 ng

RT: 14.96 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF078889.D

Acq: 1 May 2015 13:34

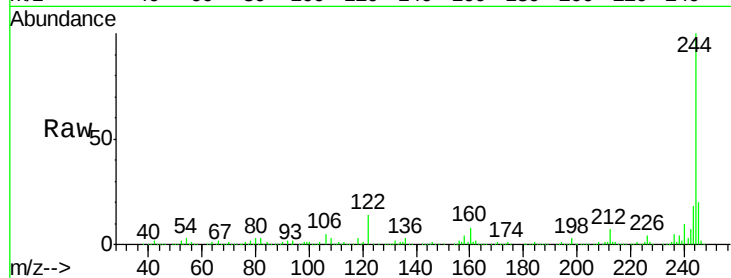
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1021982

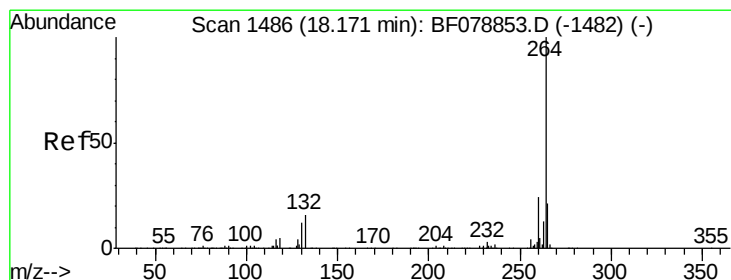
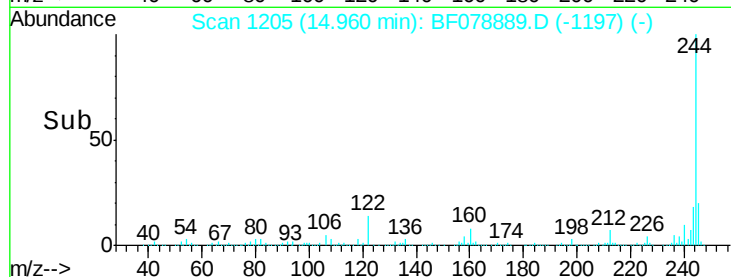
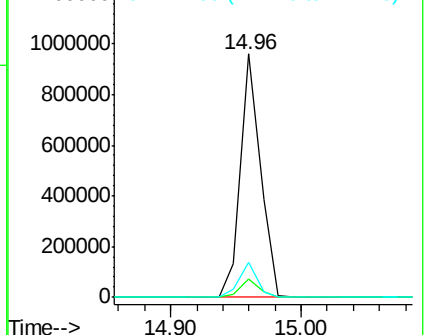
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	14.4	10.3	15.5



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: 18.18 min Scan# 1487

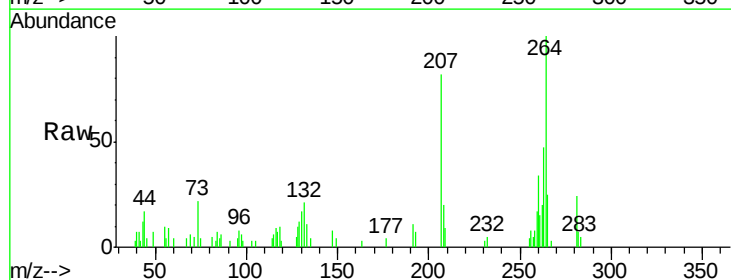
Delta R.T. 0.07 min

Lab File: BF078889.D

Acq: 1 May 2015 13:34

Tgt Ion:264 Resp: 13773

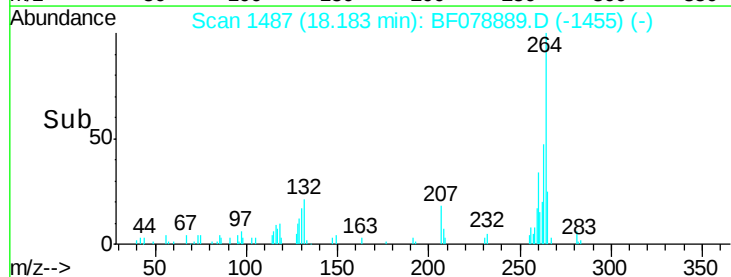
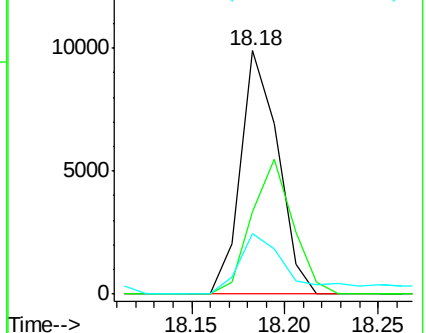
Ion	Ratio	Lower	Upper
264	100		
260	33.8	19.4	29.2#
265	24.9	18.3	27.5

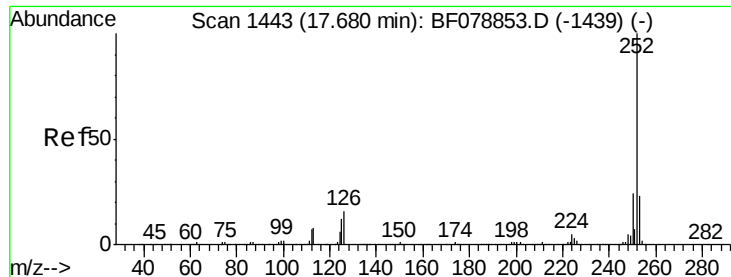


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.88 ng

RT: 17.69 min Scan# 1444

Delta R.T. 0.05 min

Lab File: BF078889.D

Acq: 1 May 2015 13:34

Instrument :

BNA_F

ClientSampleId :

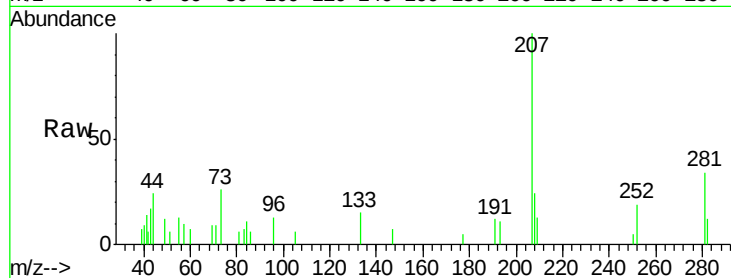
Tot Ion:252 Resp: 2170

Ion Ratio Lower Upper

252 100

253 0.0 17.7 26.5#

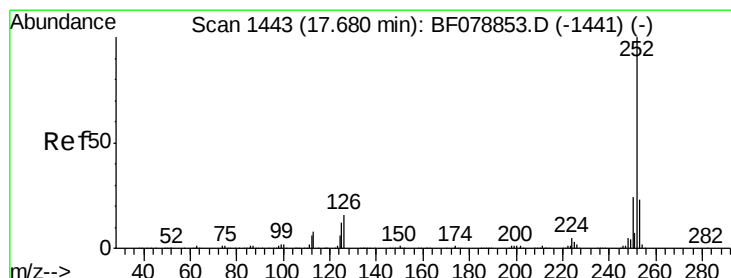
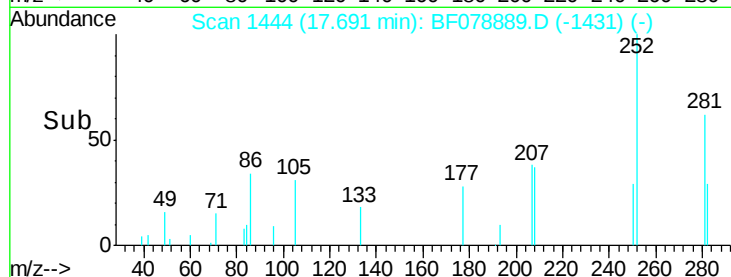
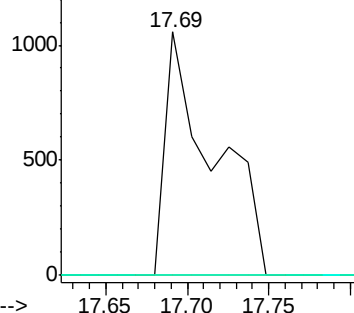
125 0.0 9.5 14.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.97 ng

RT: 17.69 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF078889.D

Acq: 1 May 2015 13:34

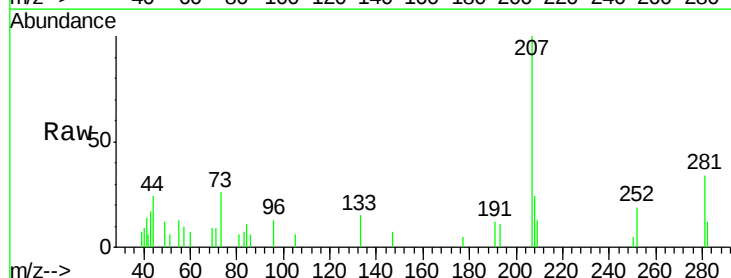
Tgt Ion:252 Resp: 2170

Ion Ratio Lower Upper

252 100

253 0.0 18.1 27.1#

125 0.0 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

