

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079185.D
 Acq On : 13 May 2015 6:17
 Operator : TP/IZ
 Sample : G2194-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-16-3.5

Quant Time: May 13 06:55:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 04:45:03 2015
 Response via : Initial Calibration

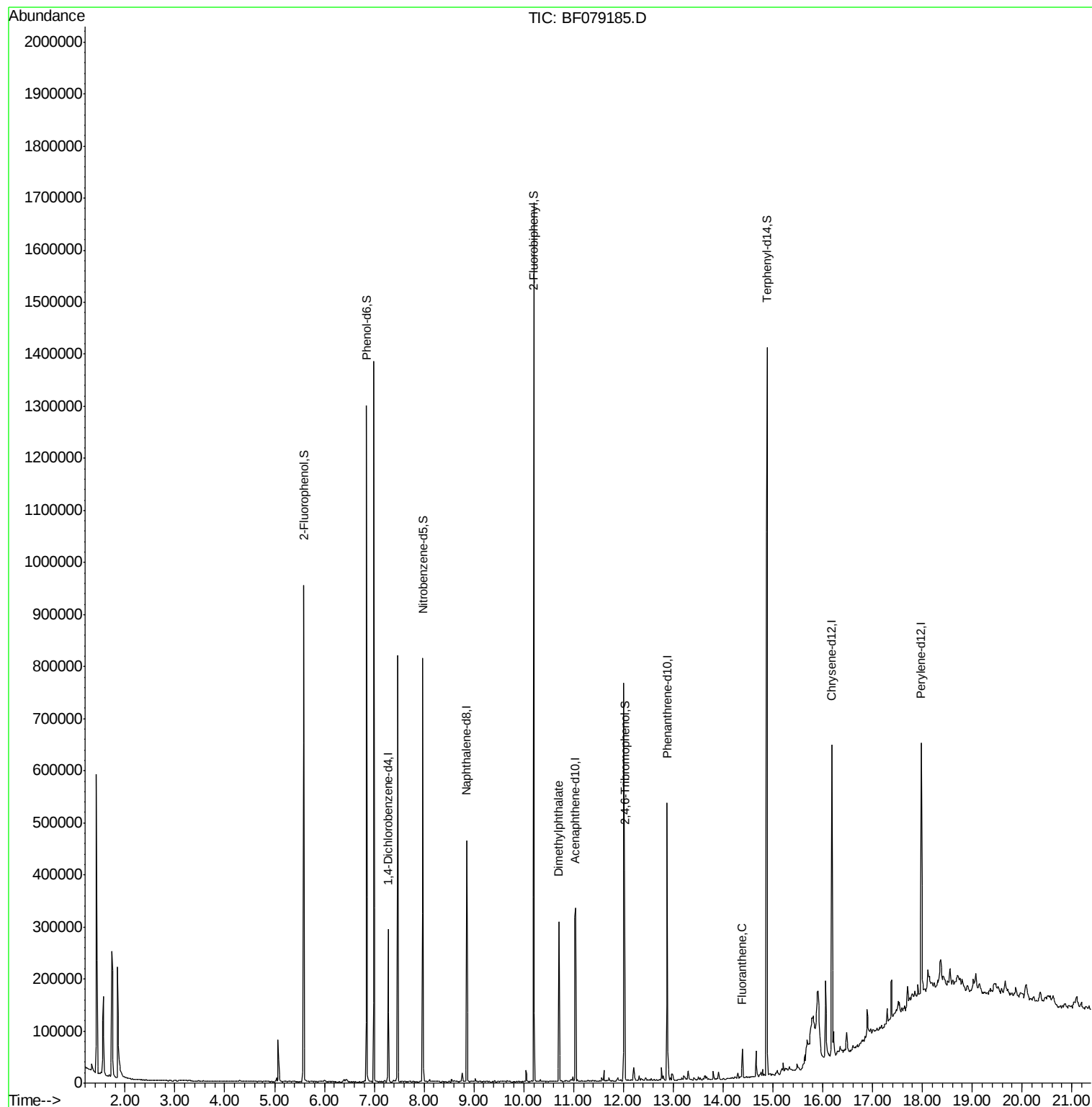
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	51503	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	213054	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	99720	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	203935	20.00	ng	0.00
75) Chrysene-d12	16.18	240	220371	20.00	ng	0.01
86) Perylene-d12	17.98	264	220772	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	348115	116.35	ng	0.00
7) Phenol-d6	6.84	99	460301	116.39	ng	0.00
23) Nitrobenzene-d5	7.98	82	280048	75.54	ng	0.00
41) 2,4,6-Tribromophenol	12.02	330	110659	102.58	ng	0.00
44) 2-Fluorobiphenyl	10.20	172	512797	71.64	ng	0.00
78) Terphenyl-d14	14.88	244	617232	67.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.71	163	123862	16.92	ng	Qvalue 100
74) Fluoranthene	14.39	202	23973	2.02	ng	94

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

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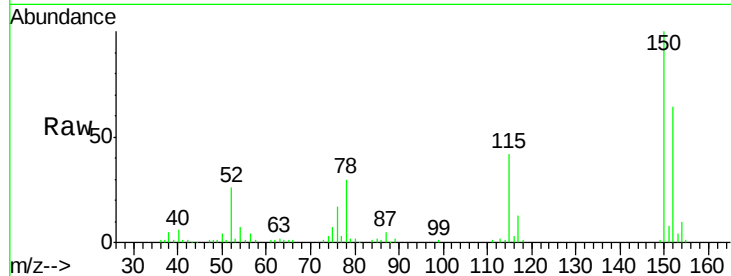


#1

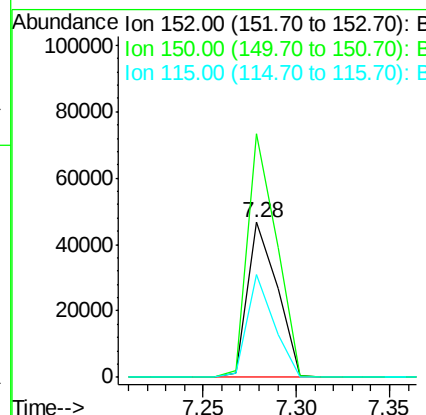
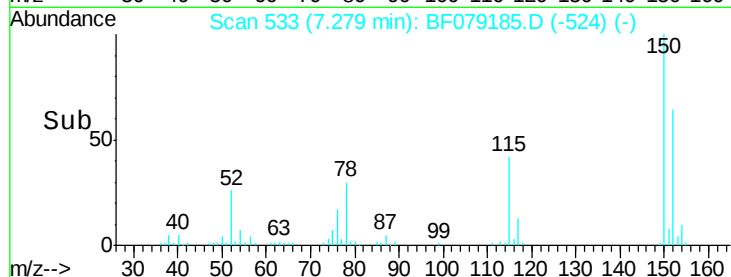
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF079185.D
Acq: 13 May 2015 6:17

Instrument :
BNA_F
ClientSampleId :
TU021-SB-16-3.5

Tot Ion:152 Resp: 51503
Ion Ratio Lower Upper
152 100
150 156.9 122.0 183.0
115 66.0 46.3 69.5



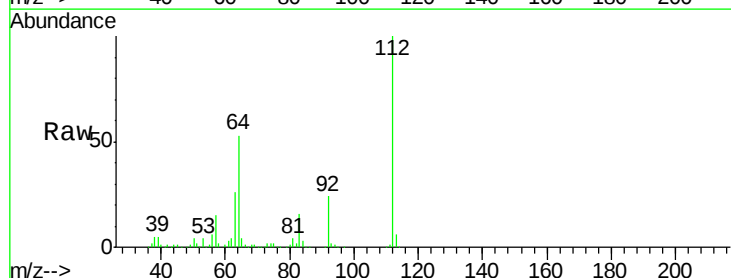
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



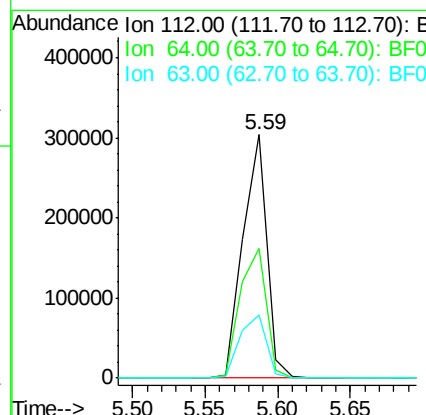
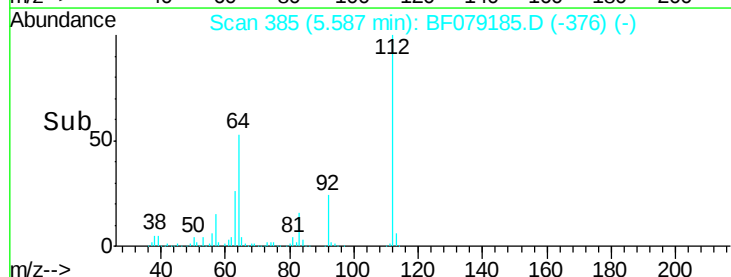
#5

2-Fluorophenol
Concen: 116.35 ng
RT: 5.59 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF079185.D
Acq: 13 May 2015 6:17

Tgt Ion:112 Resp: 348115
Ion Ratio Lower Upper
112 100
64 53.1 53.5 80.3#
63 26.2 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: 116.39 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF079185.D

Acq: 13 May 2015 6:17

Instrument :

BNA_F

ClientSampleId :

TU021-SB-16-3.5

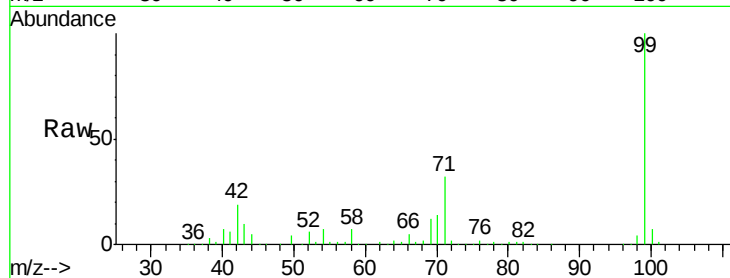
Tot Ion: 99 Resp: 460301

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

71 31.5 23.4 35.2

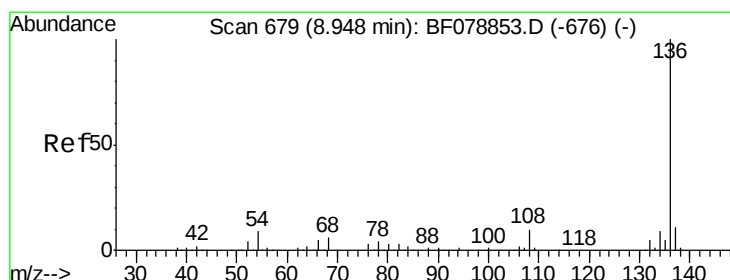
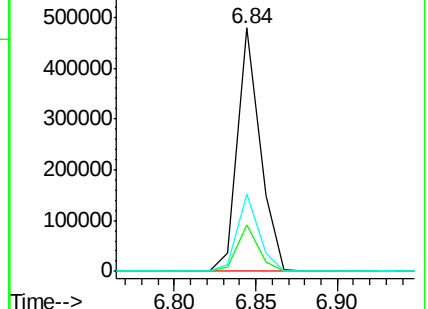
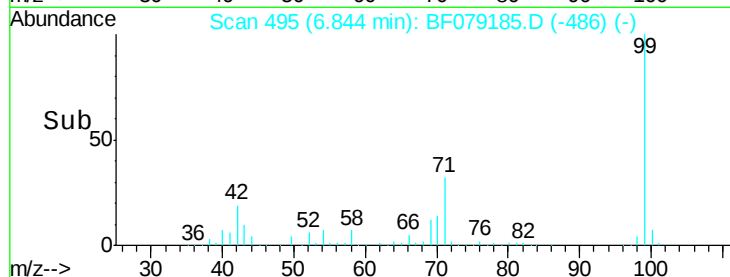


Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)

6.84



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF079185.D

Acq: 13 May 2015 6:17

Tgt Ion: 136 Resp: 213054

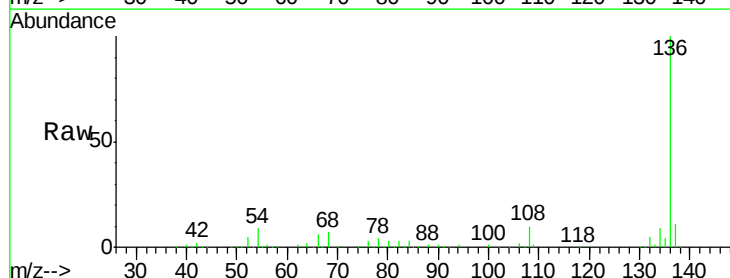
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.6 5.8 8.8

68 6.9 4.2 6.4#



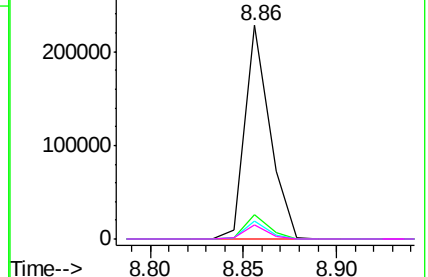
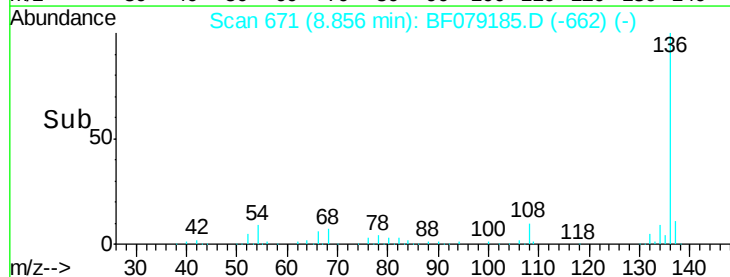
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

8.86

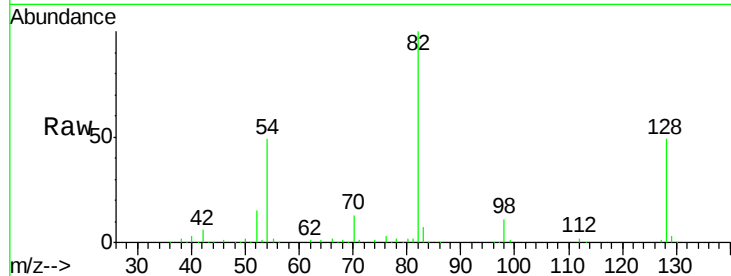




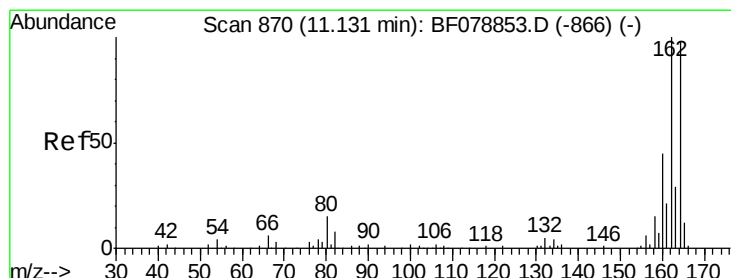
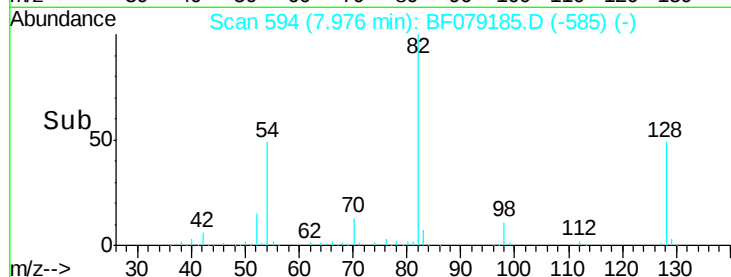
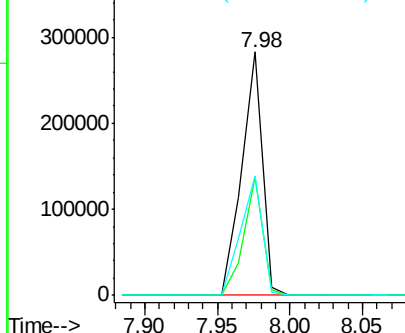
#23
 Nitrobenzene-d5
 Concen: 75.54 ng
 RT: 7.98 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF079185.D
 Acq: 13 May 2015 6:17

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-16-3.5

Tot Ion: 82 Resp: 280048
 Ion Ratio Lower Upper
 82 100
 128 48.7 30.0 45.0#
 54 49.3 46.4 69.6

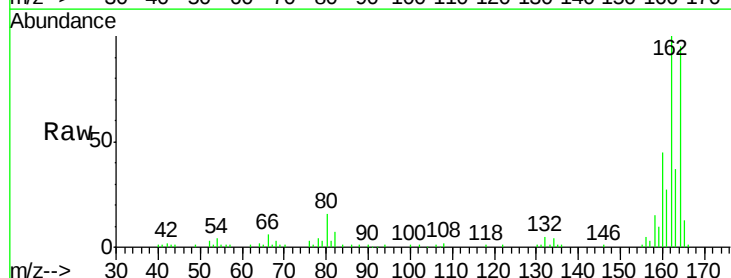


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

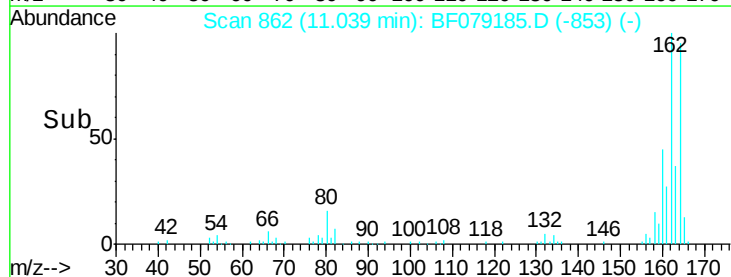
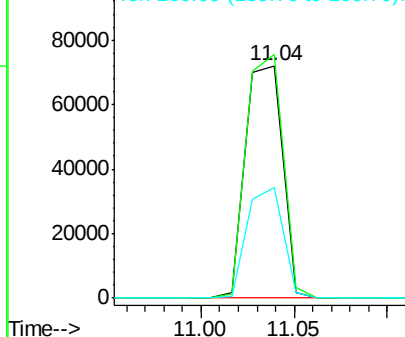


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BF079185.D
 Acq: 13 May 2015 6:17

Tgt Ion: 164 Resp: 99720
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.7 124.1
 160 47.4 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

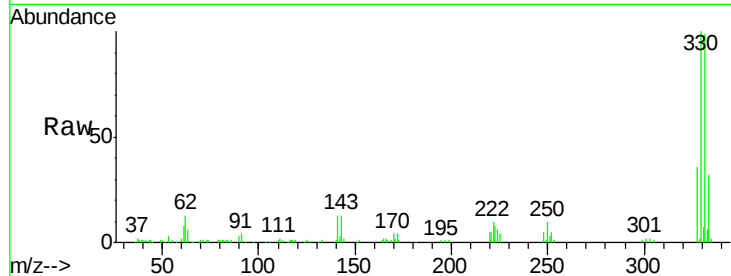




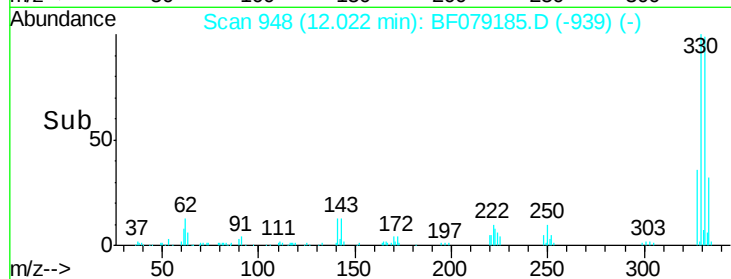
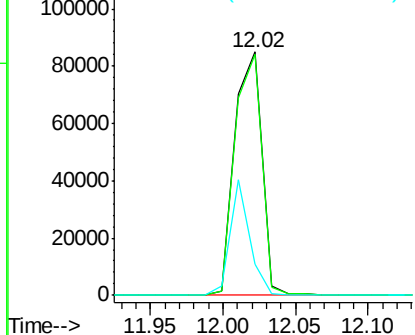
#41
 2,4,6-Tribromophenol
 Concen: 102.58 ng
 RT: 12.02 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF079185.D
 Acq: 13 May 2015 6:17

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-16-3.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	33.9	0.0	0.0#

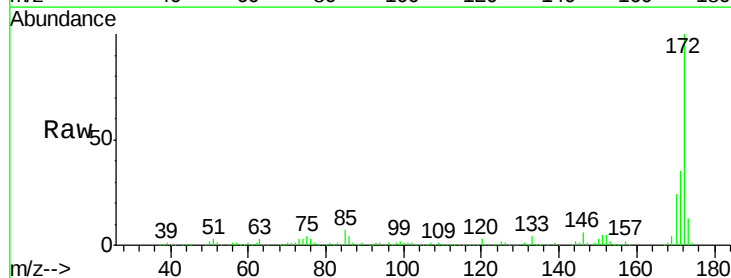


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

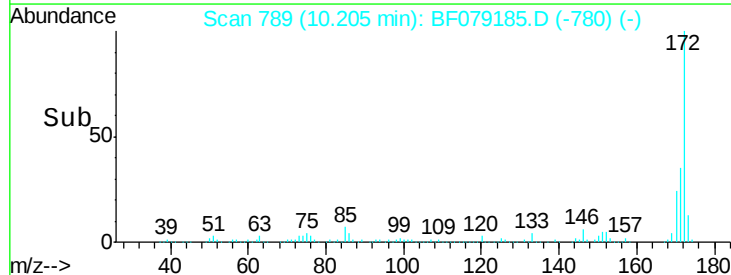
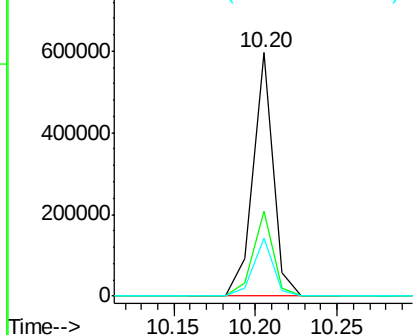


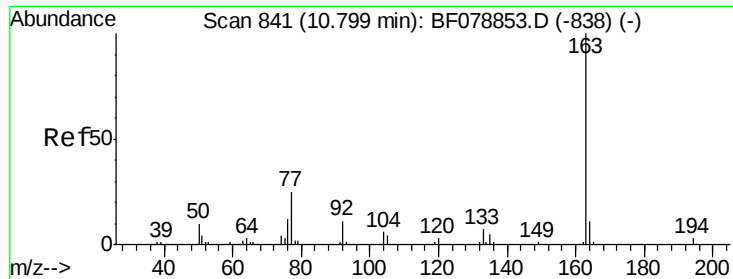
#44
 2-Fluorobiphenyl
 Concen: 71.64 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF079185.D
 Acq: 13 May 2015 6:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.9	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: 16.92 ng

RT: 10.71 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF079185.D

Acq: 13 May 2015 6:17

Instrument :

BNA_F

ClientSampleId :

TU021-SB-16-3.5

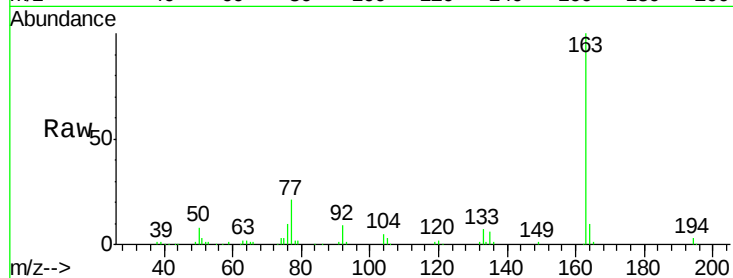
Tot Ion:163 Resp: 123862

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

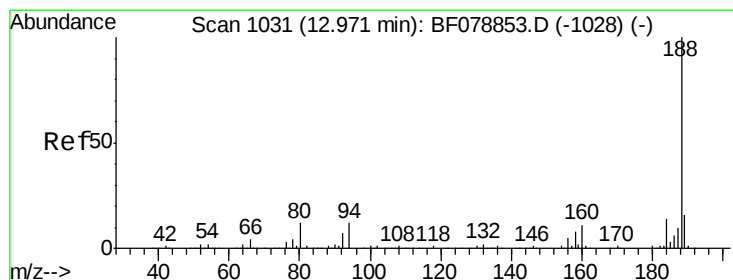
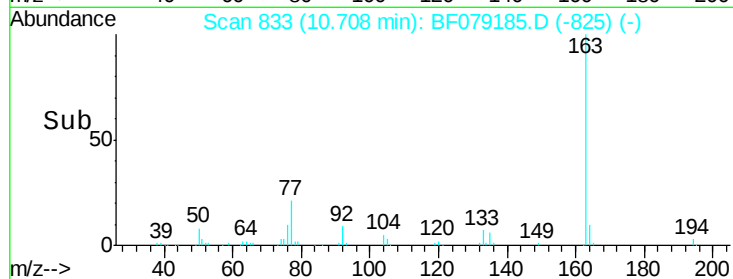
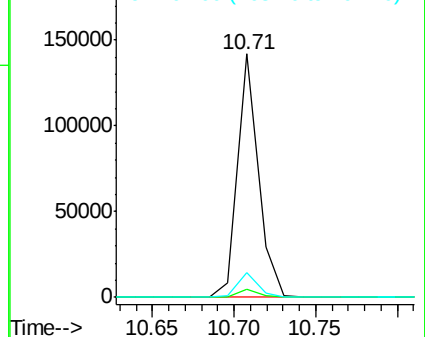
164 10.1 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.88 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF079185.D

Acq: 13 May 2015 6:17

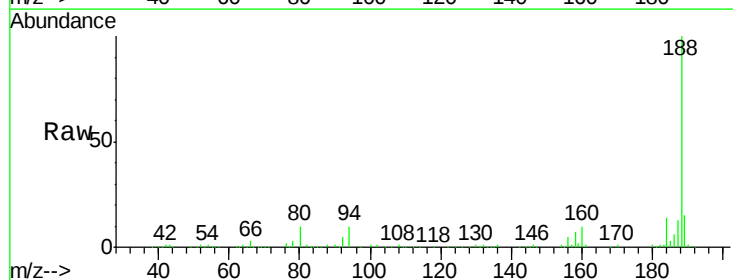
Tgt Ion:188 Resp: 203935

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

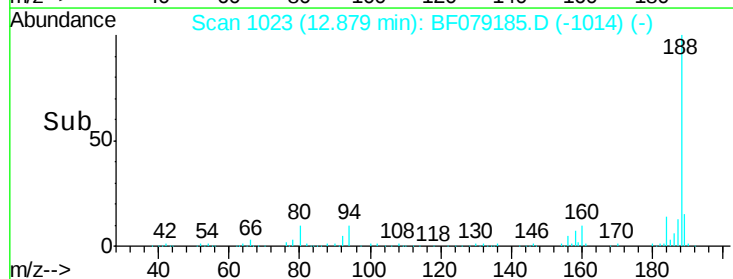
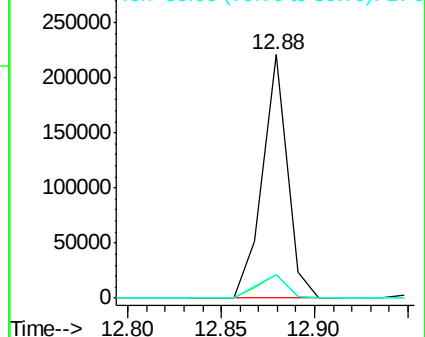
80 9.9 8.9 13.3

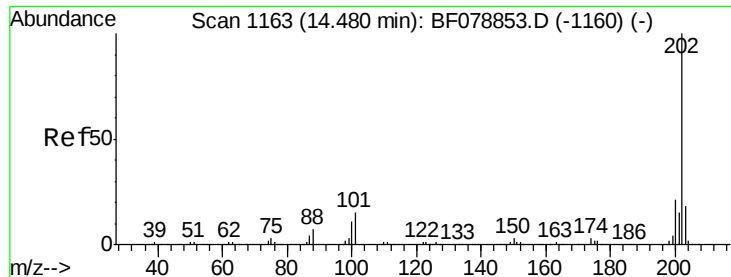


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

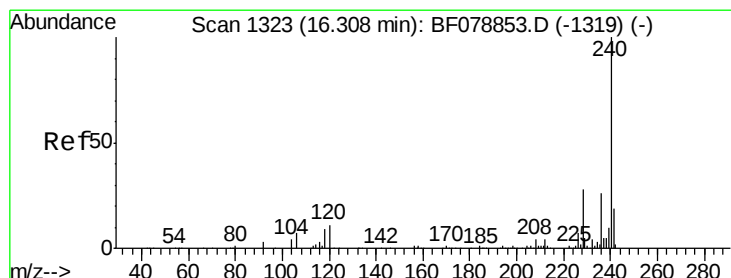
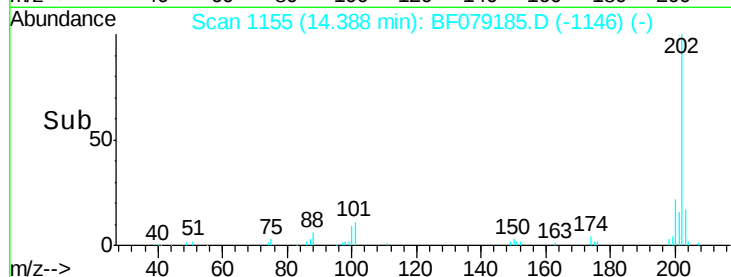
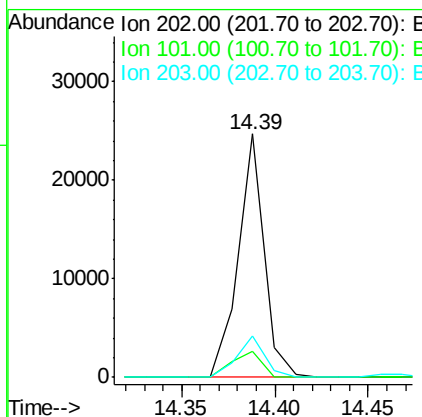
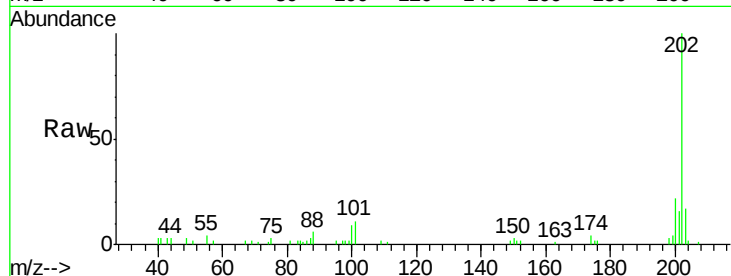




#74
Fluoranthene
Concen: 2.02 ng
RT: 14.39 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF079185.D
Acq: 13 May 2015 6:17

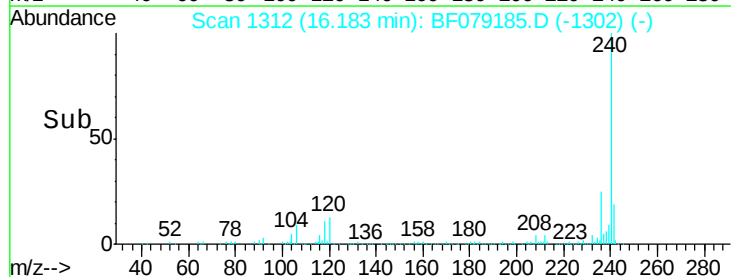
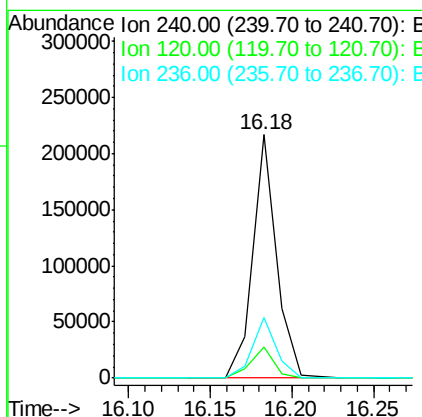
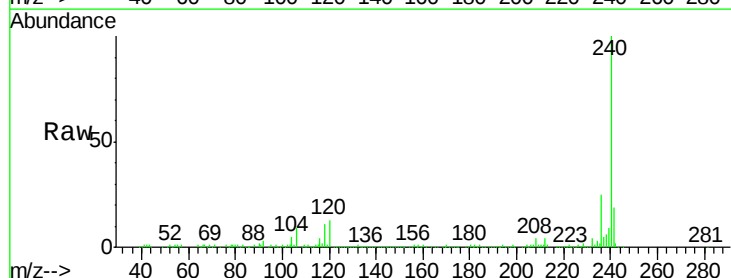
Instrument :
BNA_F
ClientSampleId :
TU021-SB-16-3.5

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.6
203	16.8	0.0	38.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF079185.D
Acq: 13 May 2015 6:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.7	14.5
236	25.0	20.2	30.4





#78

Terphenyl-d14

Concen: 67.06 ng

RT: 14.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF079185.D

Acq: 13 May 2015 6:17

Instrument :

BNA_F

ClientSampleId :

TU021-SB-16-3.5

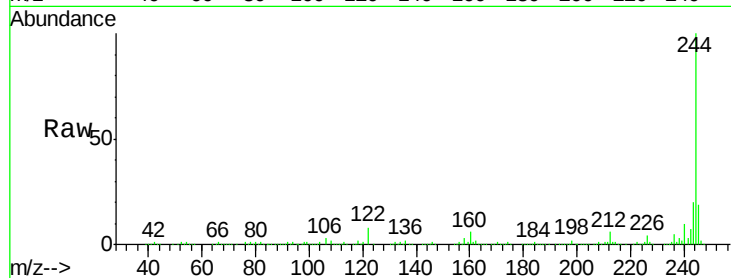
Tot Ion:244 Resp: 617232

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

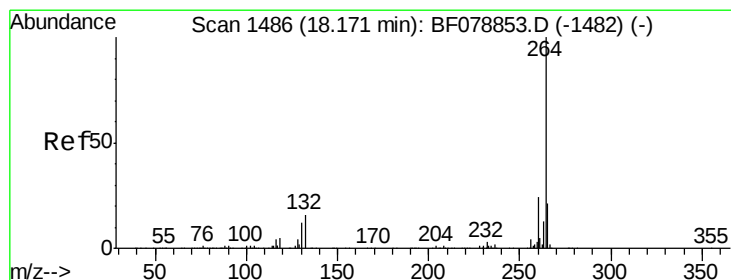
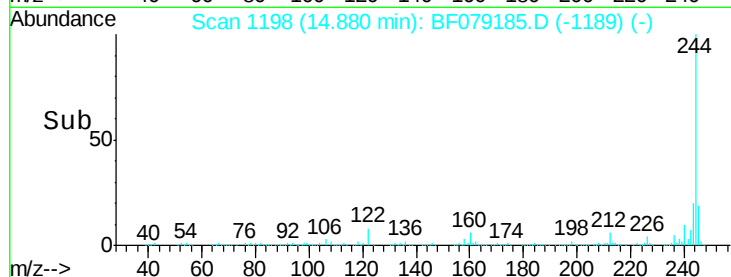
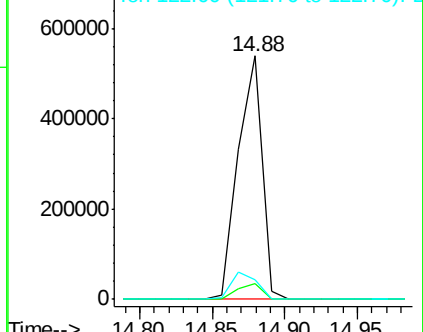
122 8.3 10.3 15.5#



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: 17.98 min Scan# 1469

Delta R.T. 0.10 min

Lab File: BF079185.D

Acq: 13 May 2015 6:17

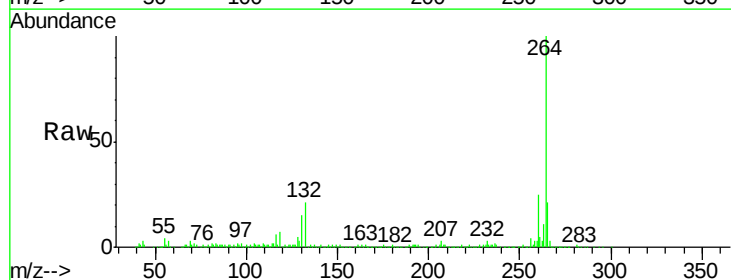
Tgt Ion:264 Resp: 220772

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.4 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

