

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
 Data File : BF079369.D
 Acq On : 20 May 2015 6:24
 Operator : TP/IZ
 Sample : G2289-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-35D

Quant Time: May 20 07:21:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 07:04:25 2015
 Response via : Initial Calibration

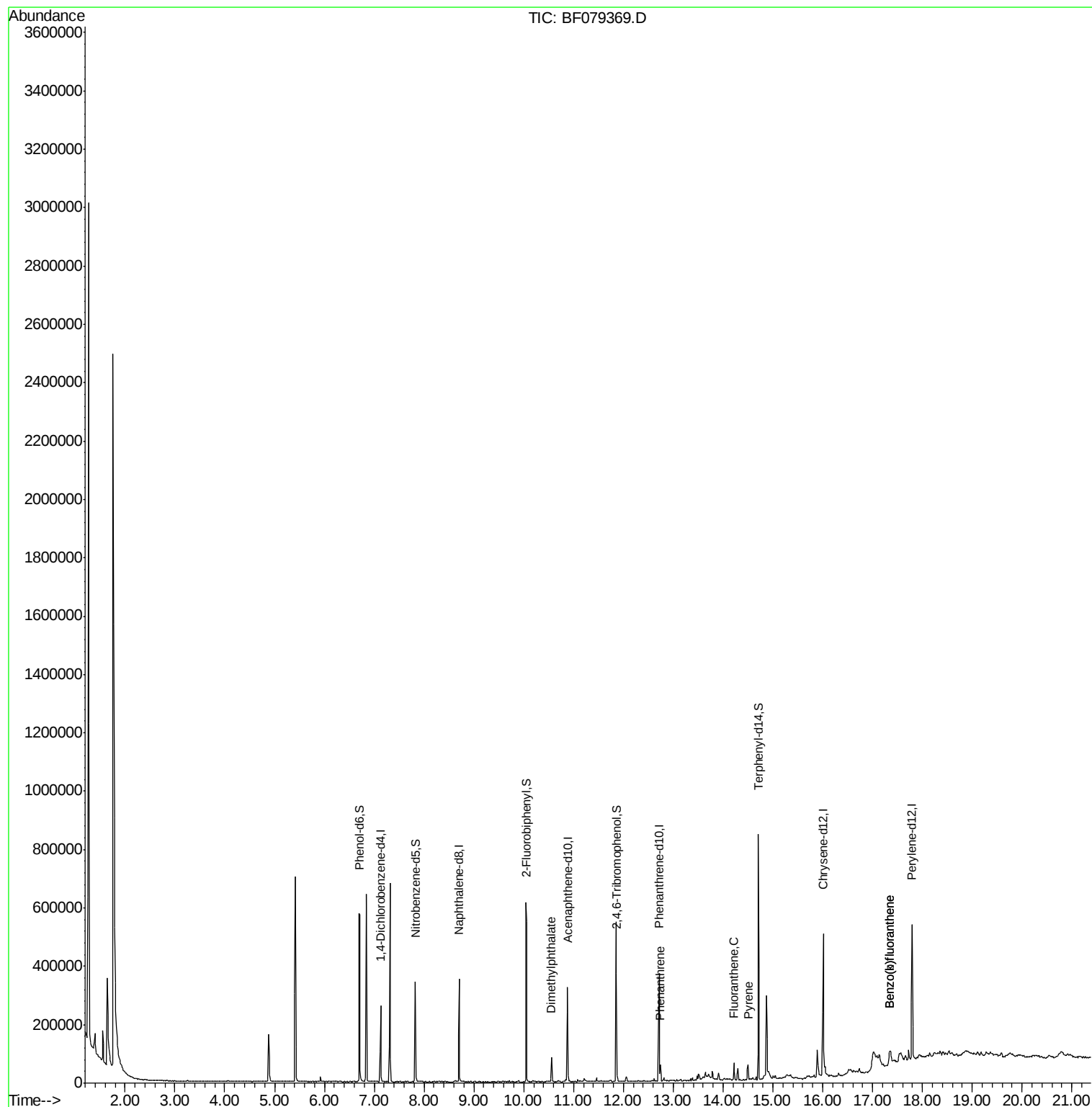
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	44495	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	185028	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	88491	20.00	ng	0.00
63) Phenanthrene-d10	12.72	188	171808	20.00	ng	0.00
75) Chrysene-d12	16.01	240	186919	20.00	ng	0.01
86) Perylene-d12	17.79	264	200716	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.71	99	309137	90.48	ng	0.00
23) Nitrobenzene-d5	7.83	82	168938	52.47	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	87272	91.16	ng	0.00
44) 2-Fluorobiphenyl	10.06	172	289025	45.50	ng	0.00
78) Terphenyl-d14	14.71	244	318755	40.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.56	163	33786	5.20	ng	Qvalue 98
70) Phenanthrene	12.74	178	23106	2.40	ng	99
74) Fluoranthene	14.22	202	30184	3.01	ng	100
77) Pyrene	14.50	202	27901	2.59	ng	99
87) Benzo(b)fluoranthene	17.34	252	24232	2.21	ng	97
88) Benzo(k)fluoranthene	17.34	252	24232	2.28	ng	# 92

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

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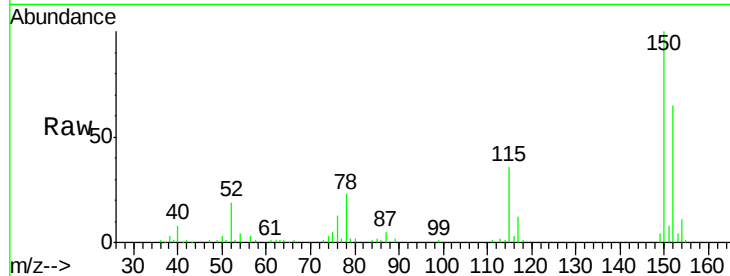




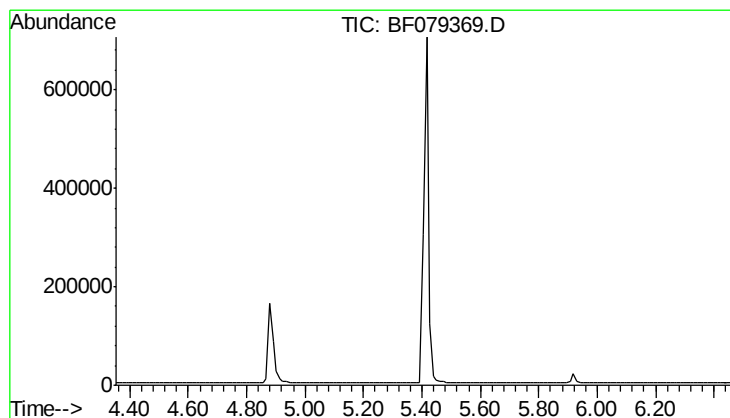
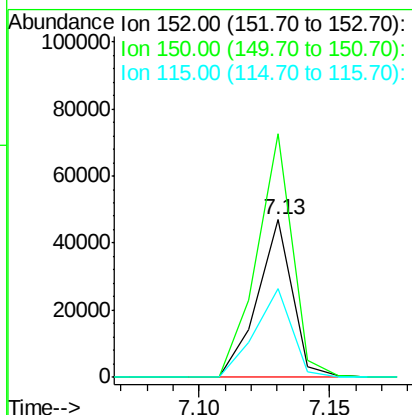
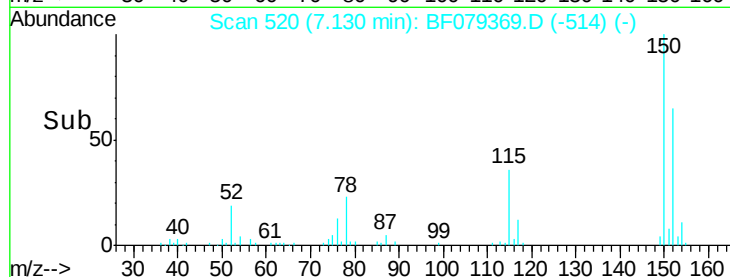
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-35D

Tgt Ion	Resp	Lower	Upper
152	100		
150	154.7	123.8	185.8
115	56.0	49.4	74.0

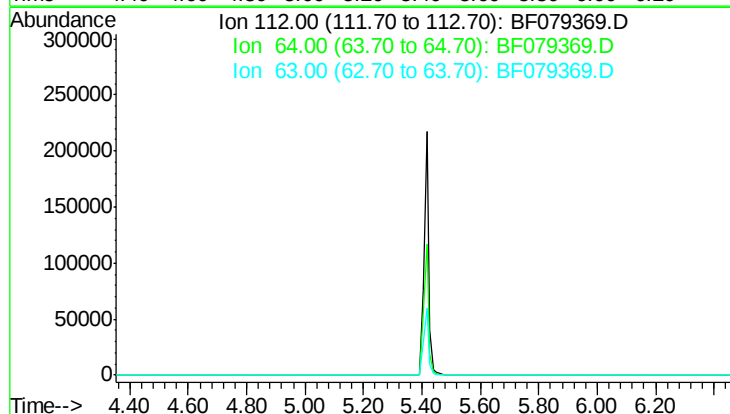


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.40 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#7

Phenol-d6

Concen: 90.48 ng

RT: 6.71 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

Instrument :

BNA_F

ClientSampleId :

SB-35D

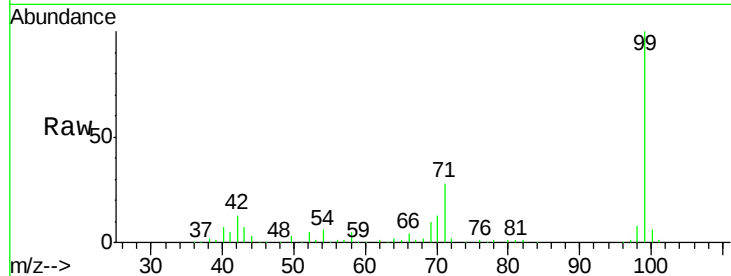
Tgt Ion: 99 Resp: 309137

Ion Ratio Lower Upper

99 100

42 13.4 17.1 25.7#

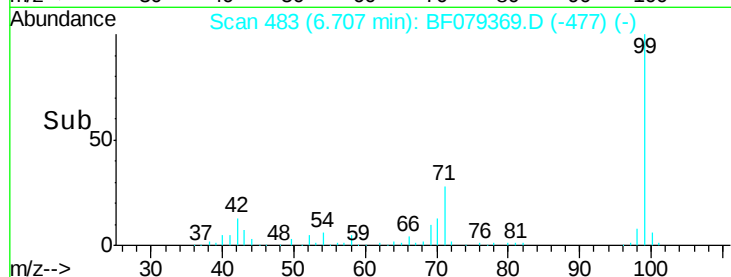
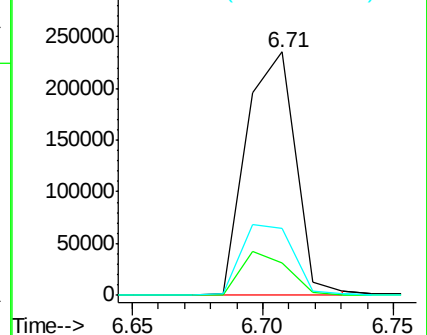
71 27.7 26.3 39.5



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

Tgt Ion: 136 Resp: 185028

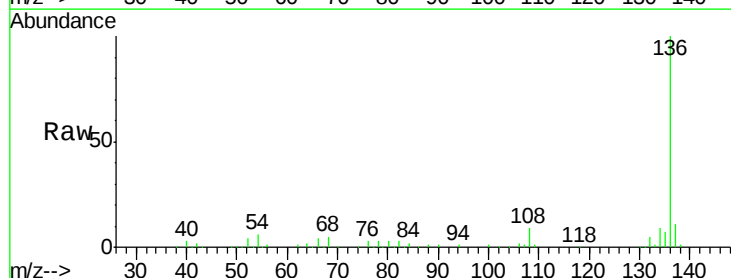
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.3 6.9 10.3#

68 4.8 4.9 7.3#

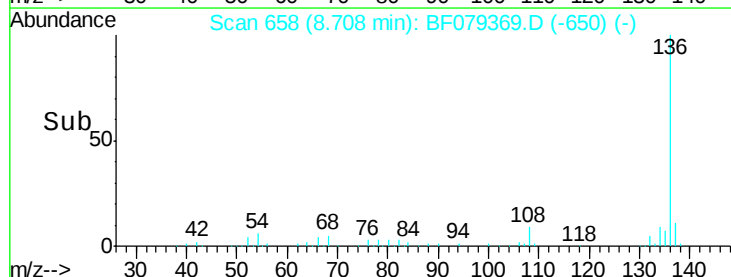
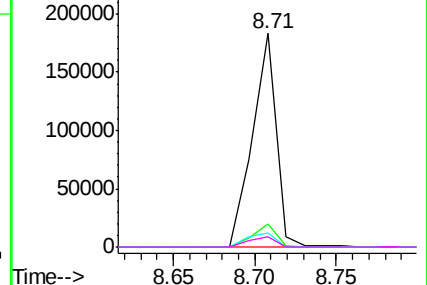


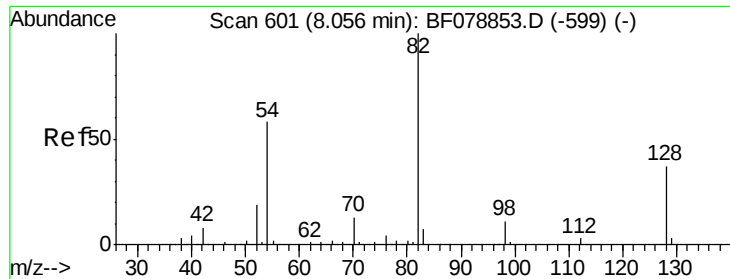
Abundance Ion 136.00 (135.70 to 136.70): E

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

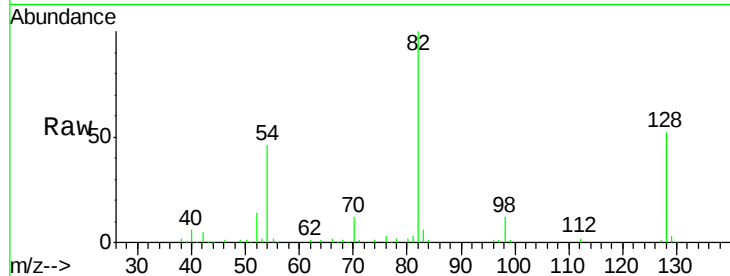




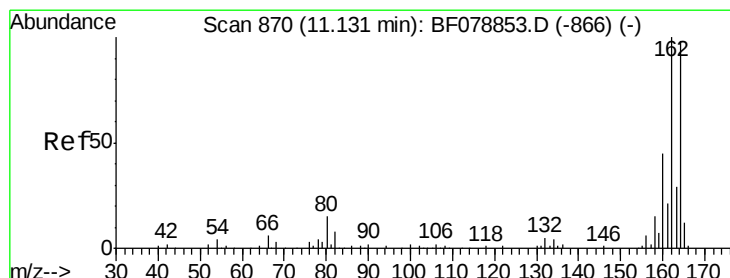
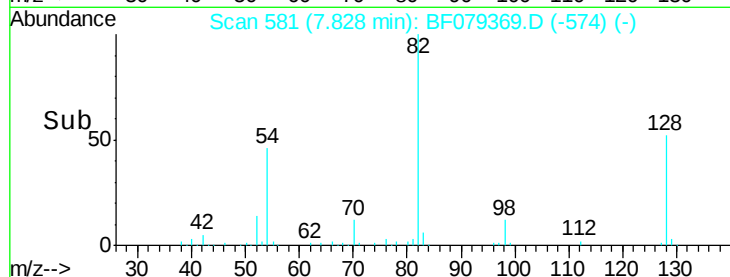
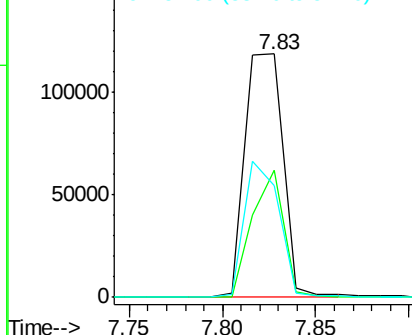
#23
 Nitrobenzene-d5
 Concen: 52.47 ng
 RT: 7.83 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-35D

Tgt Ion: 82 Resp: 168938
 Ion Ratio Lower Upper
 82 100
 128 52.2 29.7 44.5#
 54 46.0 46.2 69.4#

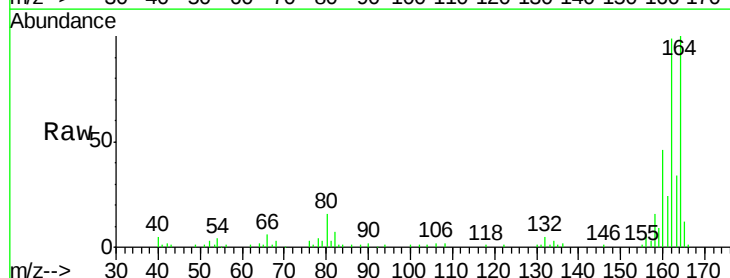


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

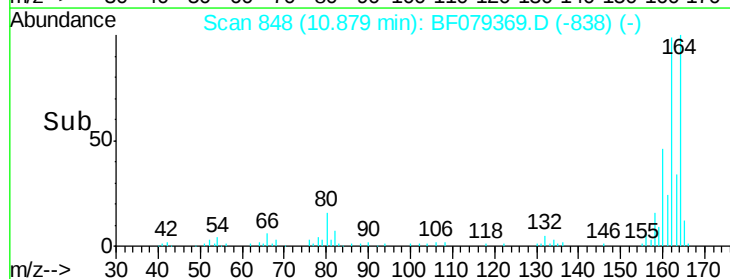
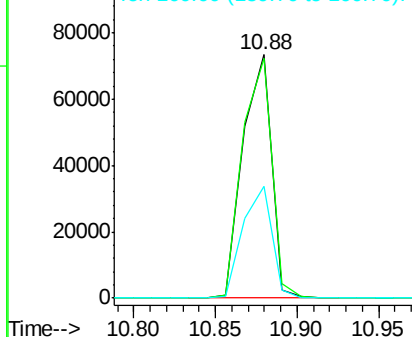


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Tgt Ion: 164 Resp: 88491
 Ion Ratio Lower Upper
 164 100
 162 98.5 81.4 122.0
 160 45.7 36.6 54.8



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

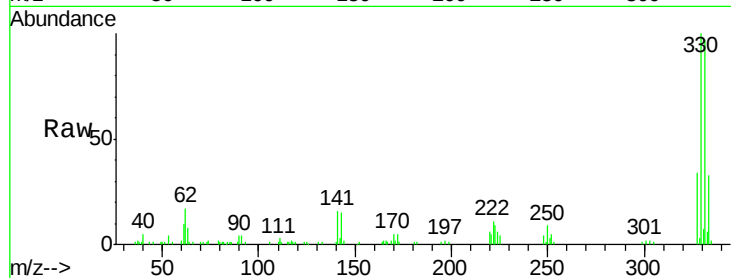




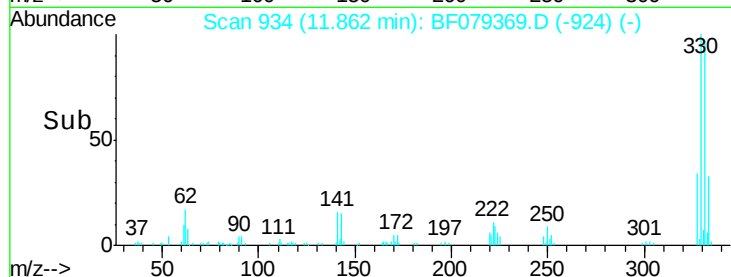
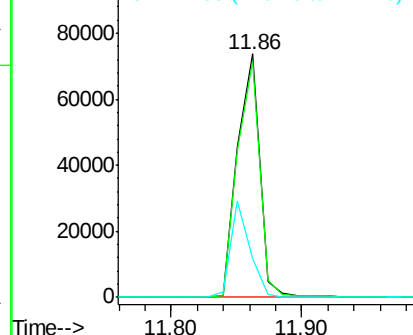
#41
 2,4,6-Tribromophenol
 Concen: 91.16 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-35D

Tgt Ion:330 Resp: 87272
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.9 115.3
 141 34.4 27.8 41.8

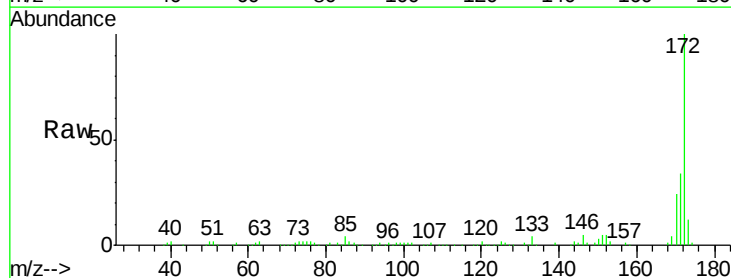


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

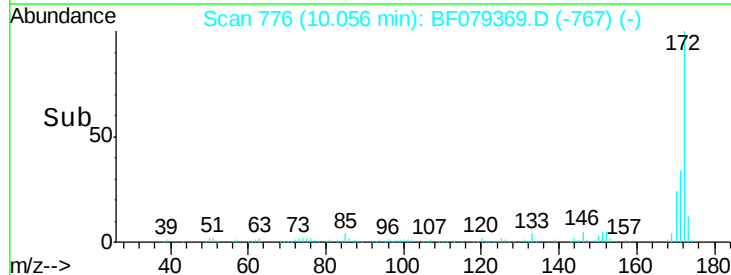
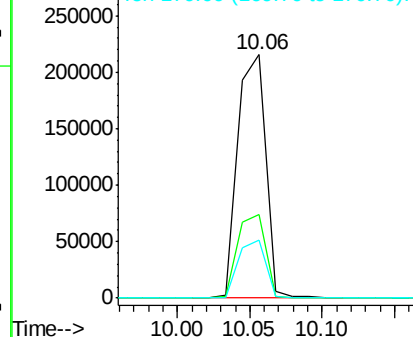


#44
 2-Fluorobiphenyl
 Concen: 45.50 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Tgt Ion:172 Resp: 289025
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.3 42.5
 170 24.0 19.4 29.2



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: 5.20 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

Instrument :

BNA_F

ClientSampleId :

SB-35D

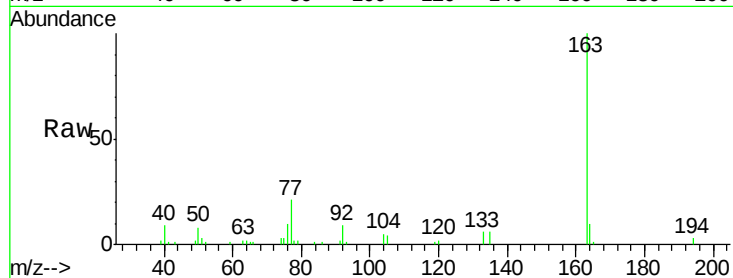
Tgt Ion:163 Resp: 33786

Ion Ratio Lower Upper

163 100

194 3.3 2.4 3.6

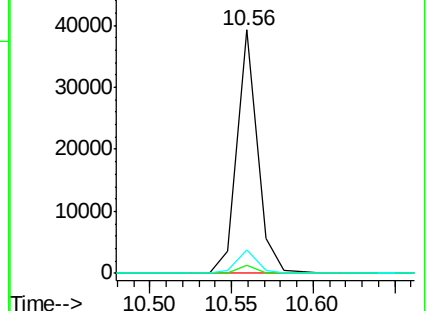
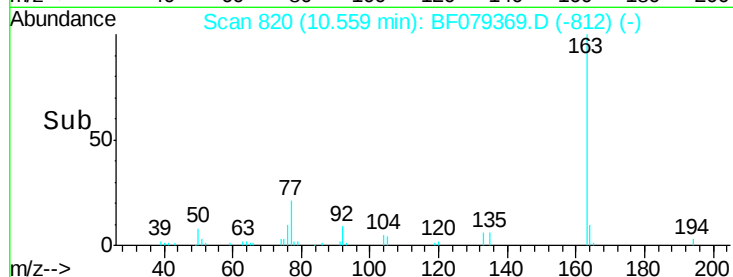
164 9.7 8.6 12.8



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: 12.72 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

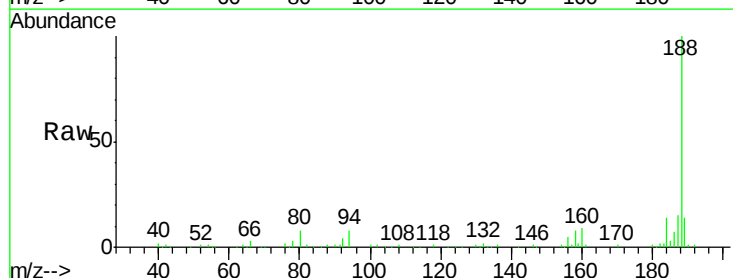
Tgt Ion:188 Resp: 171808

Ion Ratio Lower Upper

188 100

94 8.2 9.4 14.0#

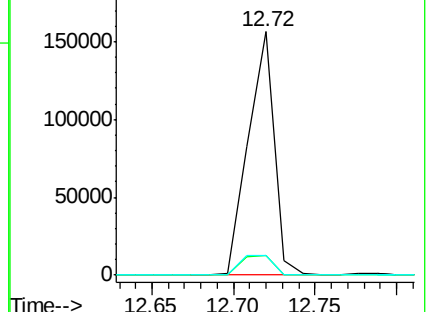
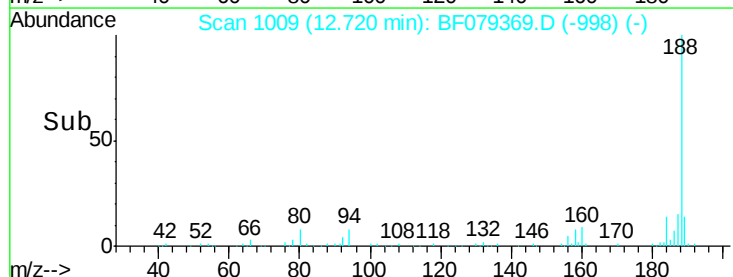
80 8.0 9.8 14.6#

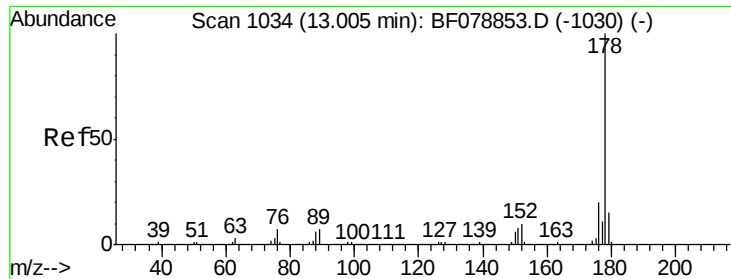


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

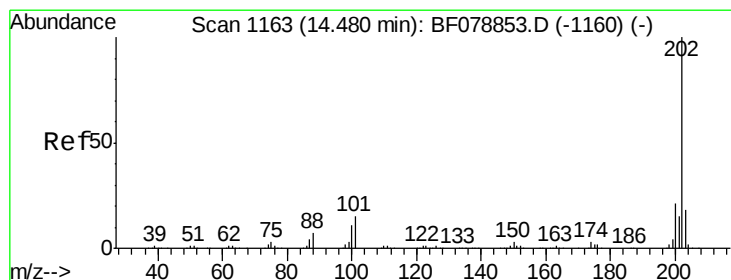
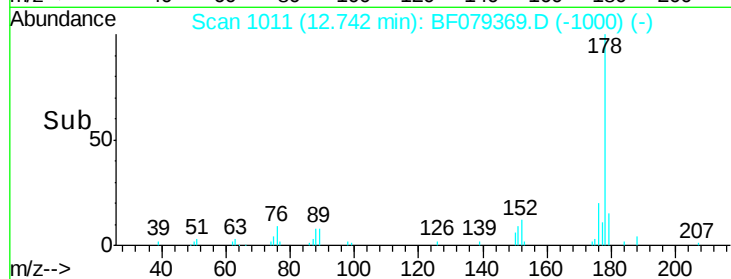
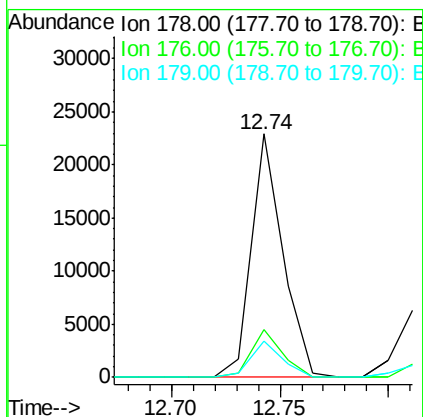
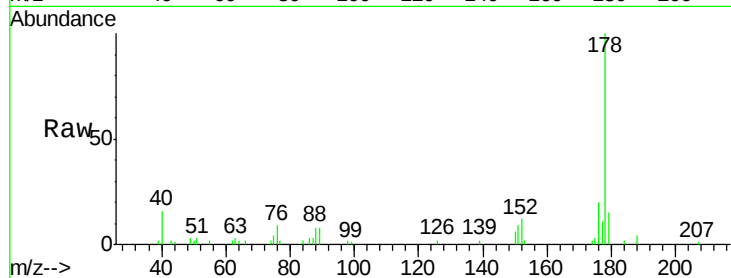




#70
Phenanthrene
Concen: 2.40 ng
RT: 12.74 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF079369.D
Acq: 20 May 2015 6:24

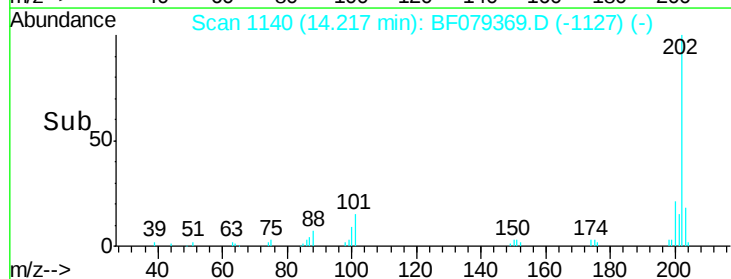
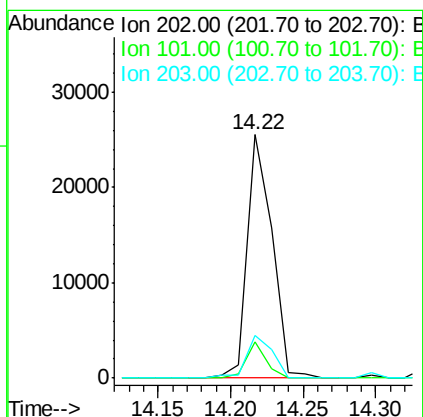
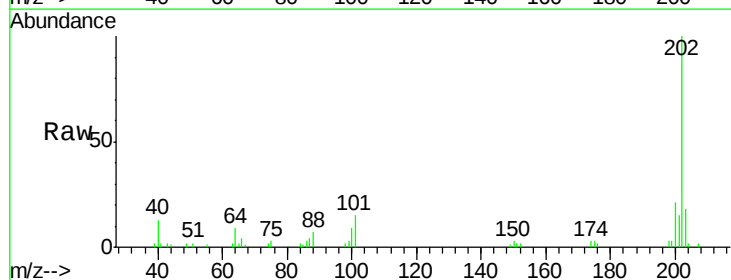
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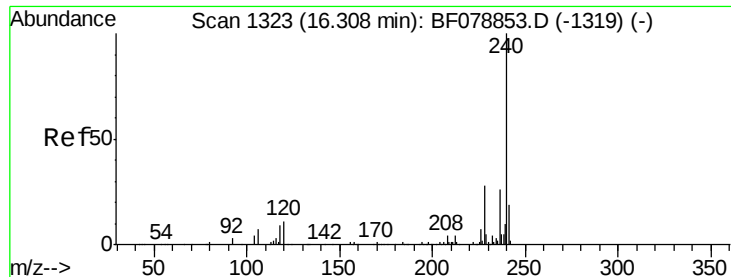
Tgt Ion:178 Resp: 23106
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 14.8 12.2 18.4



#74
Fluoranthene
Concen: 3.01 ng
RT: 14.22 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF079369.D
Acq: 20 May 2015 6:24

Tgt Ion:202 Resp: 30184
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.7
203 17.7 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.01 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

Instrument :

BNA_F

ClientSampleId :

SB-35D

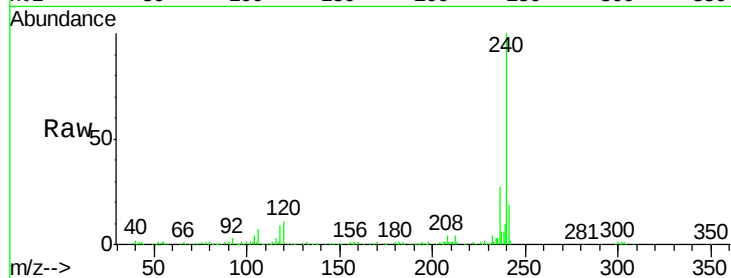
Tgt Ion:240 Resp: 186919

Ion Ratio Lower Upper

240 100

120 10.9 8.6 12.8

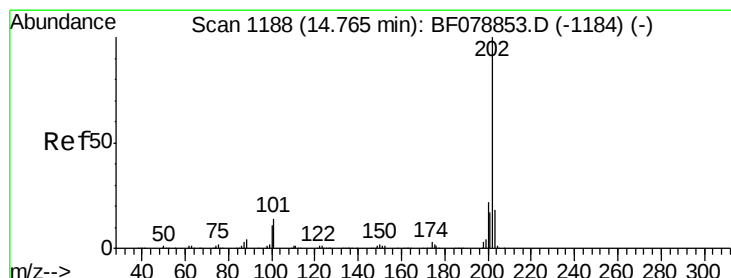
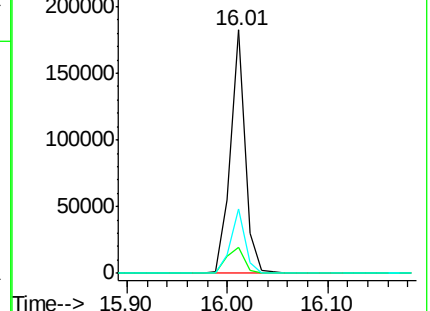
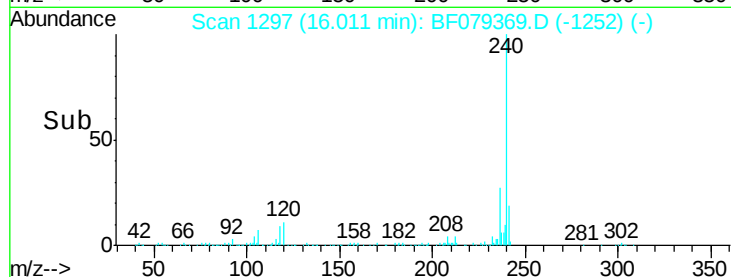
236 26.5 21.0 31.6



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: 2.59 ng

RT: 14.50 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

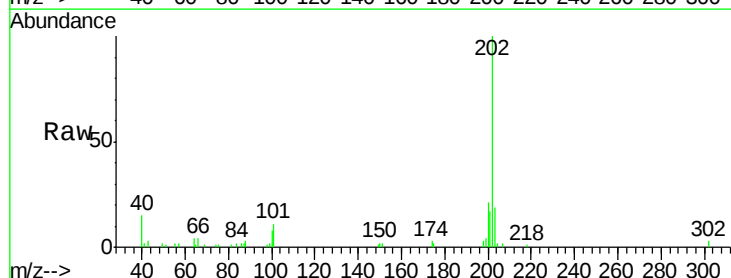
Tgt Ion:202 Resp: 27901

Ion Ratio Lower Upper

202 100

200 21.2 17.5 26.3

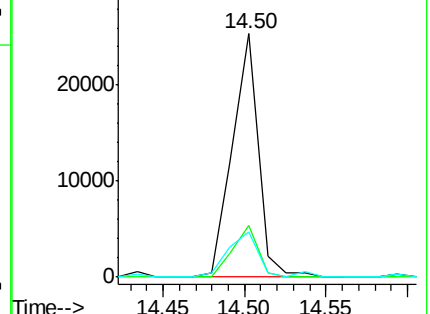
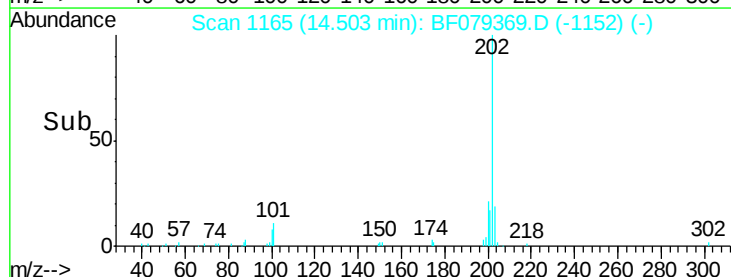
203 18.6 14.7 22.1

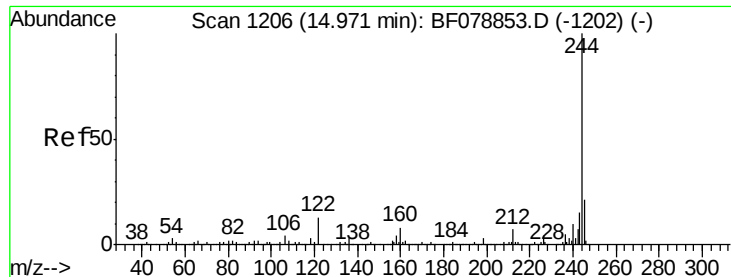


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

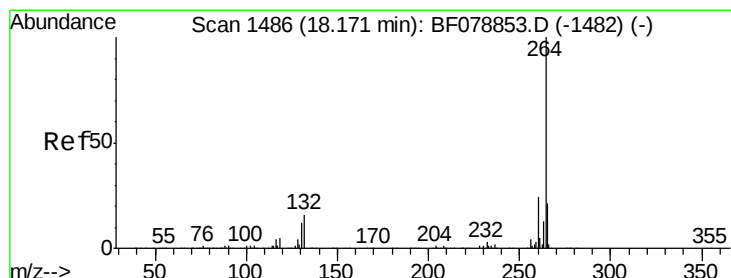
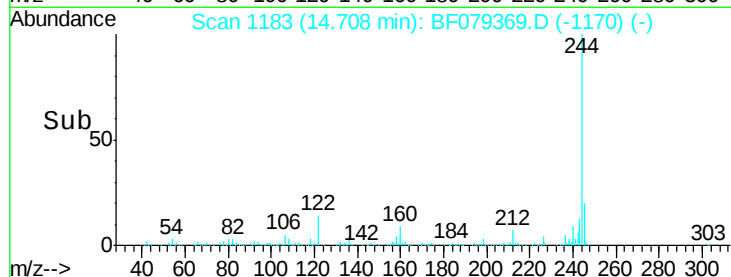
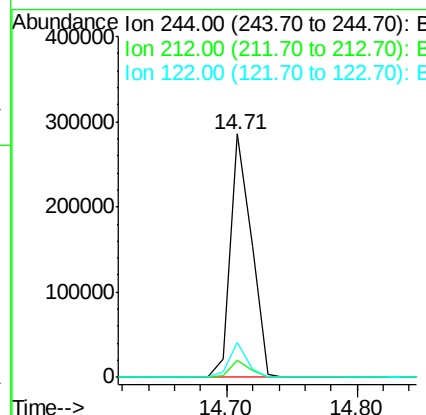
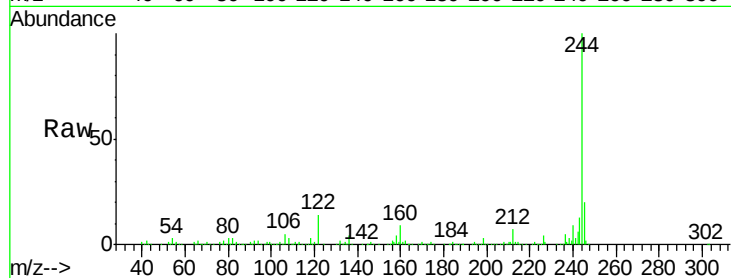




#78
 Terphenyl-d14
 Concen: 40.83 ng
 RT: 14.71 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

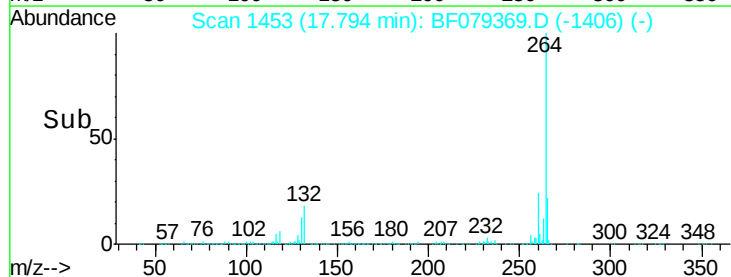
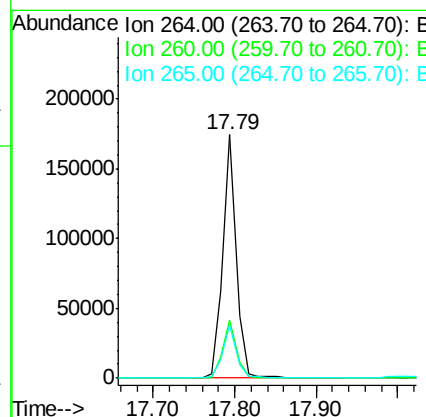
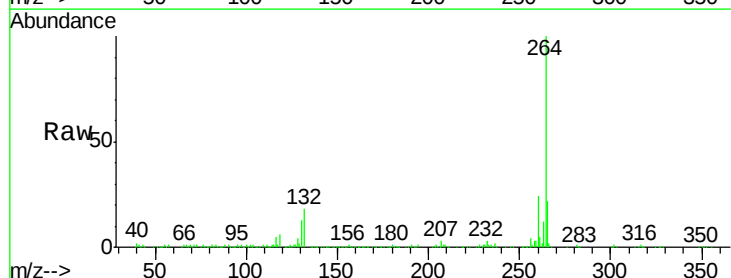
Instrument :
 BNA_F
 ClientSampleId :
 SB-35D

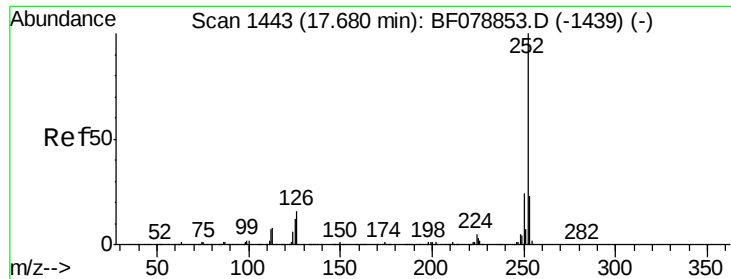
Tgt Ion: 244 Resp: 318755
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 14.5 10.5 15.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1453
 Delta R.T. 0.03 min
 Lab File: BF079369.D
 Acq: 20 May 2015 6:24

Tgt Ion: 264 Resp: 200716
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.21 ng

RT: 17.34 min Scan# 1413

Delta R.T. 0.03 min

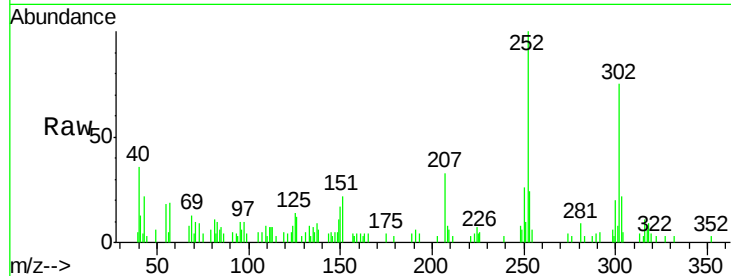
Lab File: BF079369.D

Acq: 20 May 2015 6:24

Instrument :
BNA_F
ClientSampleId :
SB-35D

Tgt Ion:252 Resp: 24232

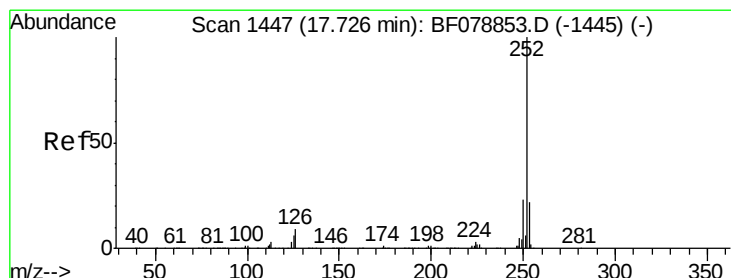
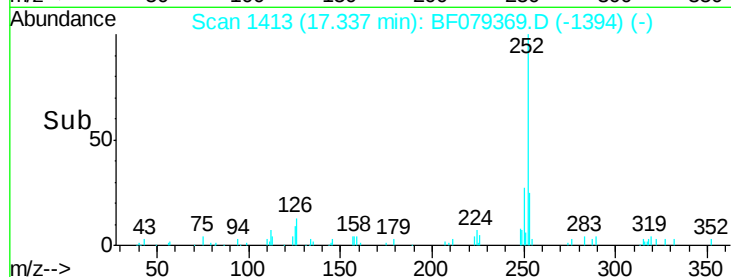
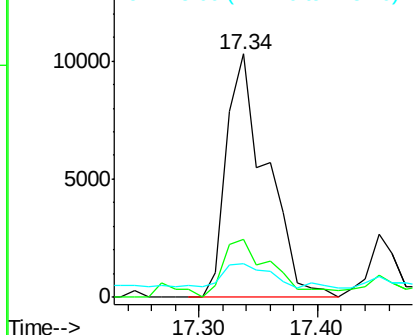
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	13.8	9.4	14.2



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: 2.28 ng

RT: 17.34 min Scan# 1413

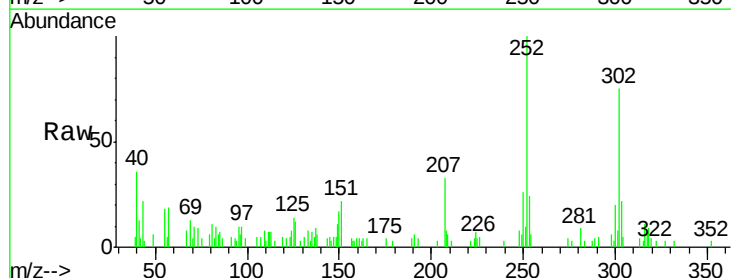
Delta R.T. 0.00 min

Lab File: BF079369.D

Acq: 20 May 2015 6:24

Tgt Ion:252 Resp: 24232

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	13.8	6.1	9.1#



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

