

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079468.D
 Acq On : 23 May 2015 10:47
 Operator : TP/IZ
 Sample : G2371-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-021

Quant Time: May 25 07:02:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 06:56:43 2015
 Response via : Initial Calibration

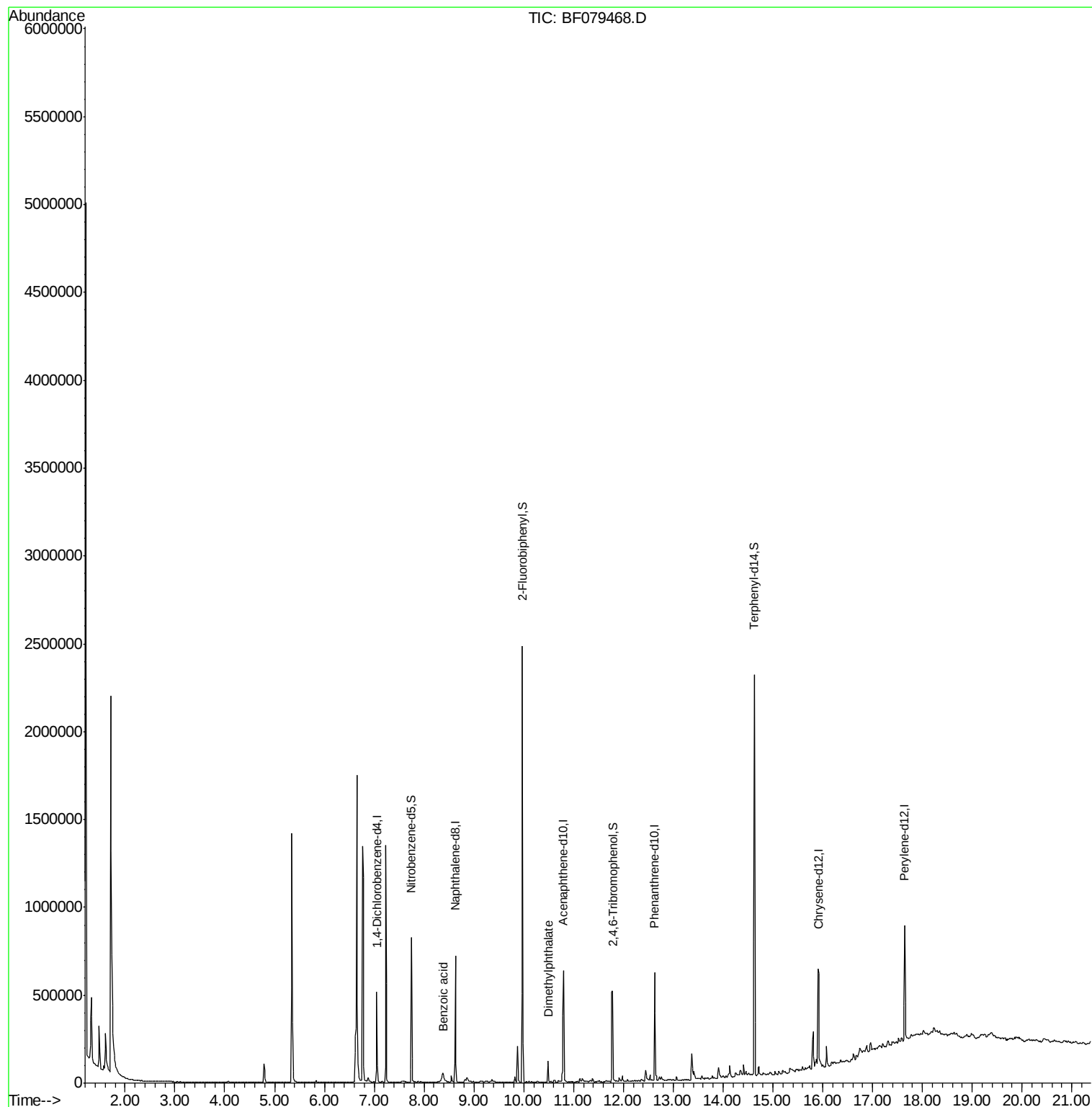
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	78328	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	317624	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	152345	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	283266	20.00	ng	0.00
75) Chrysene-d12	15.92	240	283910	20.00	ng	0.01
86) Perylene-d12	17.65	264	289835	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.75	82	248872	45.03	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	100116	60.75	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	748477	68.45	ng	0.00
78) Terphenyl-d14	14.63	244	802665	67.69	ng	0.00
Target Compounds						
32) Benzoic acid	8.39	122	436	6.44	ng	# 39
49) Dimethylphthalate	10.49	163	68895	6.16	ng	# 97

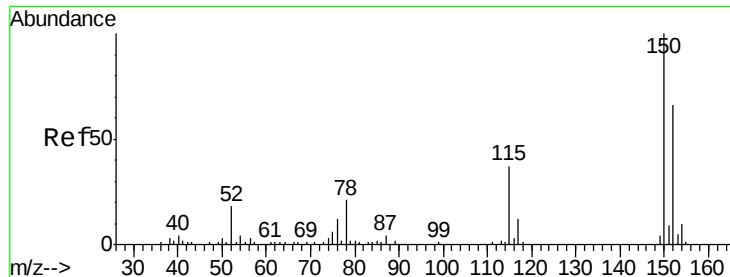
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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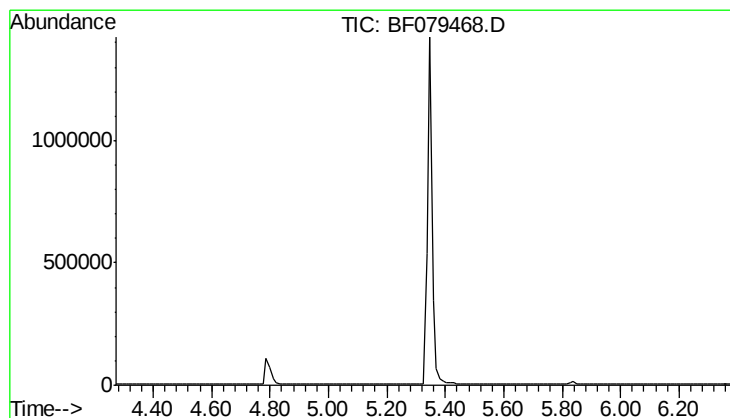
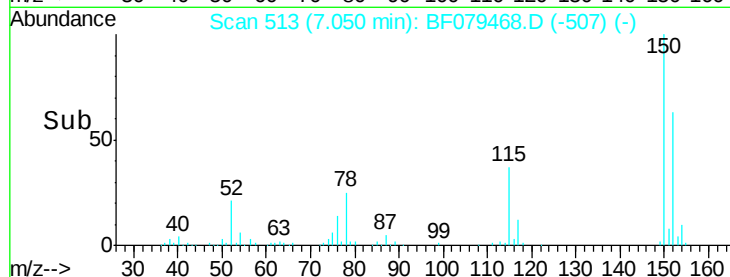
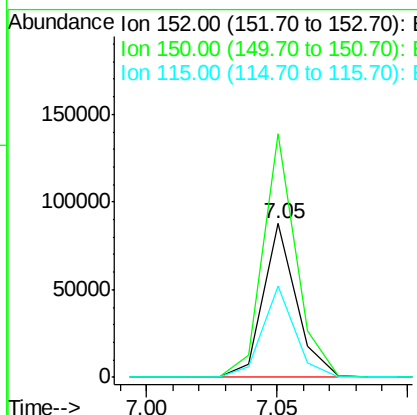
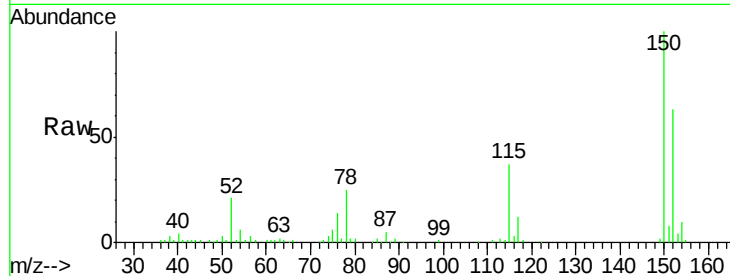




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079468.D
 Acq: 23 May 2015 10:47

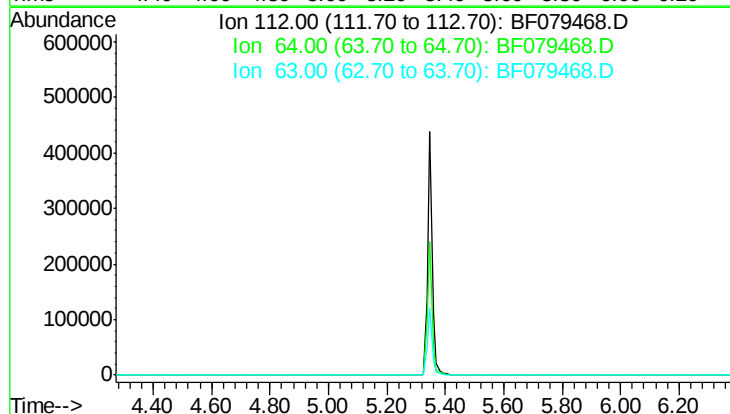
Instrument :
 BNA_F
 ClientSampleId :
 SW-021

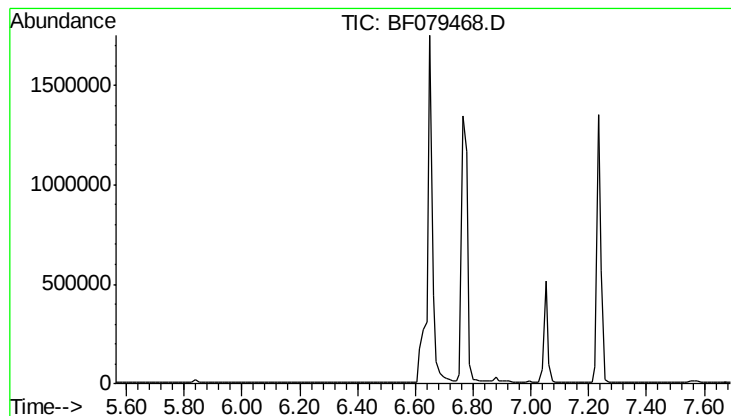
Tgt Ion: 152 Resp: 78328
 Ion Ratio Lower Upper
 152 100
 150 158.4 123.8 185.8
 115 59.2 49.4 74.0



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min
 Lab File: BF079468.D
 Acq: 23 May 2015 10:47

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 55.2
 63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.63 min

Lab File: BF079468.D

Acq: 23 May 2015 10:47

Instrument :

BNA_F

ClientSampleId :

SW-021

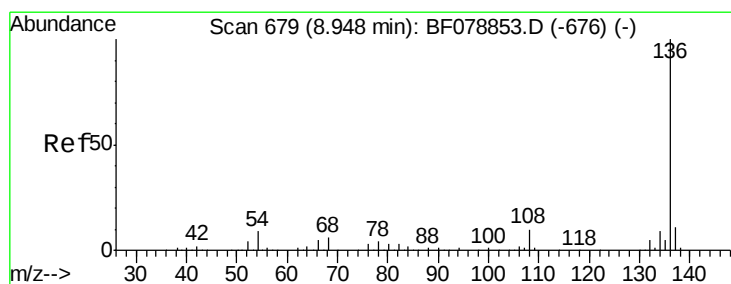
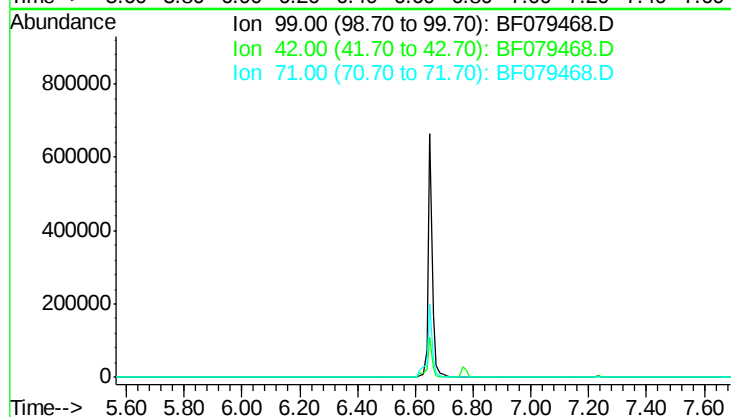
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF079468.D

Acq: 23 May 2015 10:47

Tgt Ion:136 Resp: 317624

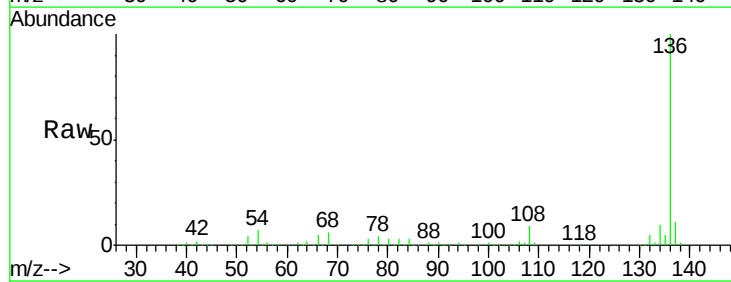
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.4 6.9 10.3

68 6.1 4.9 7.3

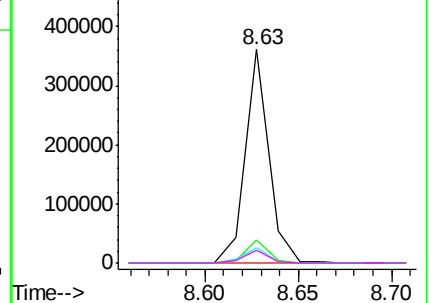
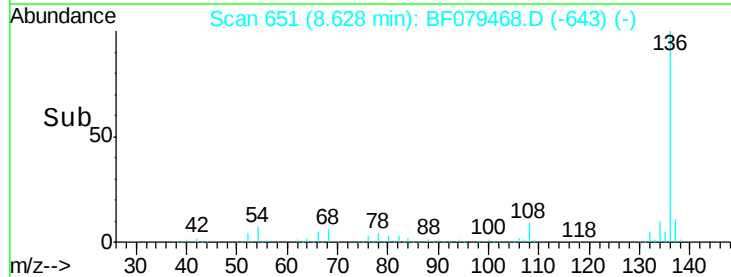


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.03 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079468.D

Acq: 23 May 2015 10:47

Instrument :

BNA_F

ClientSampled :

SW-021

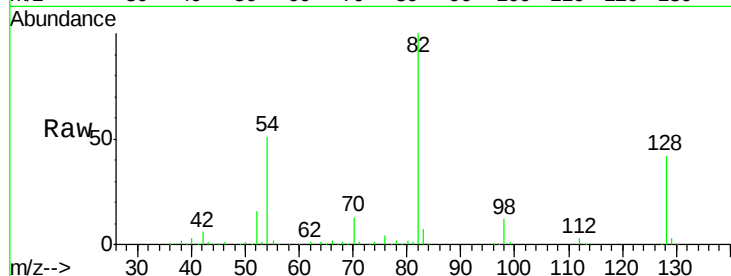
Tgt Ion: 82 Resp: 248872

Ion Ratio Lower Upper

82 100

128 42.0 29.7 44.5

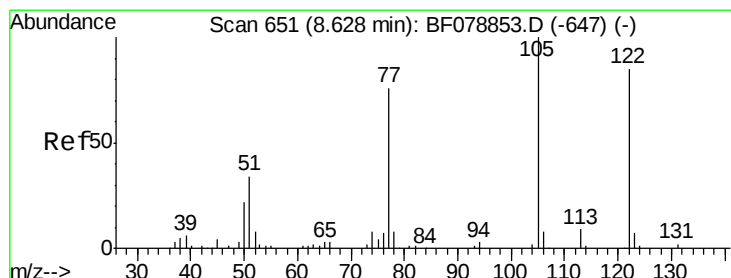
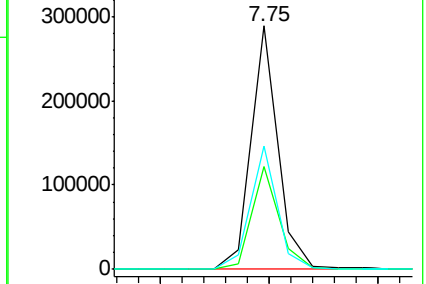
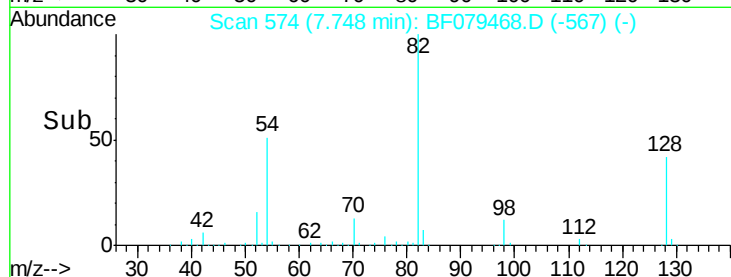
54 50.6 46.2 69.4



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF078853.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-599) (-)



#32

Benzoic acid

Concen: 6.44 ng

RT: 8.39 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF079468.D

Acq: 23 May 2015 10:47

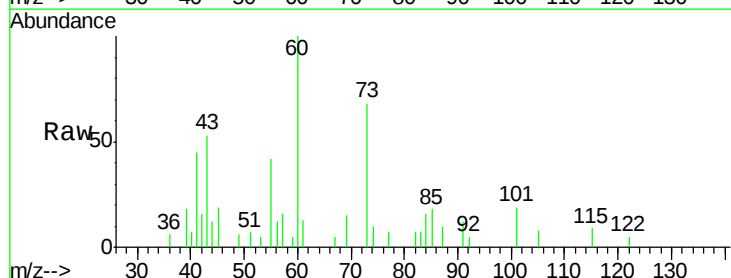
Tgt Ion: 122 Resp: 436

Ion Ratio Lower Upper

122 100

105 179.0 100.7 140.7#

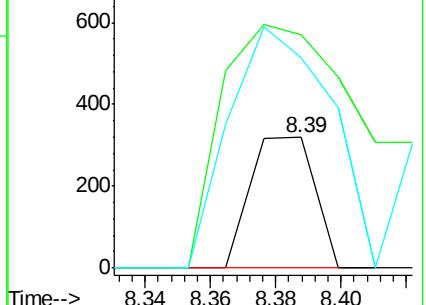
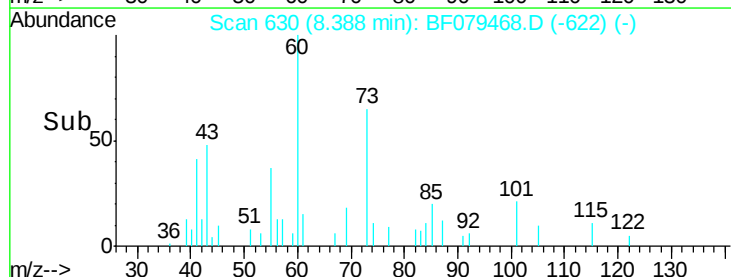
77 161.1 72.0 112.0#

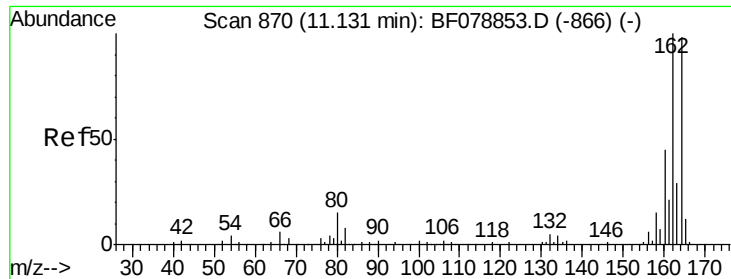


Abundance Ion 122.00 (121.70 to 122.70): BF078853.D (-647) (-)

Ion 105.00 (104.70 to 105.70): BF078853.D (-647) (-)

Ion 77.00 (76.70 to 77.70): BF078853.D (-647) (-)

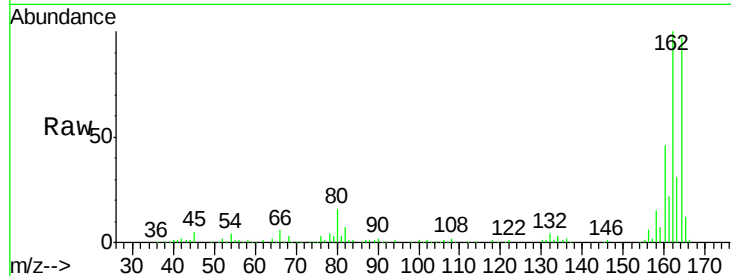




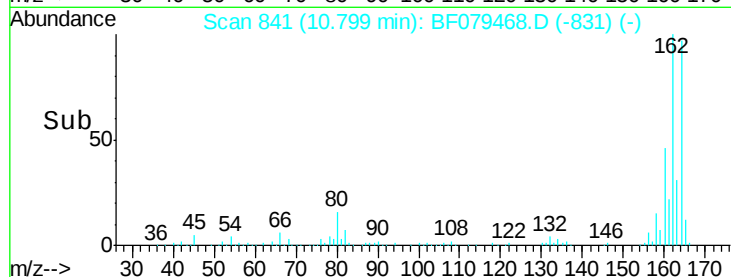
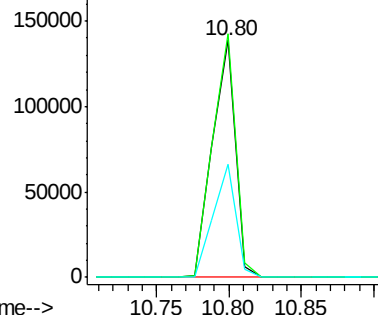
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF079468.D
 Acq: 23 May 2015 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SW-021

Tgt Ion:164 Resp: 152345
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.4 122.0
 160 47.7 36.6 54.8

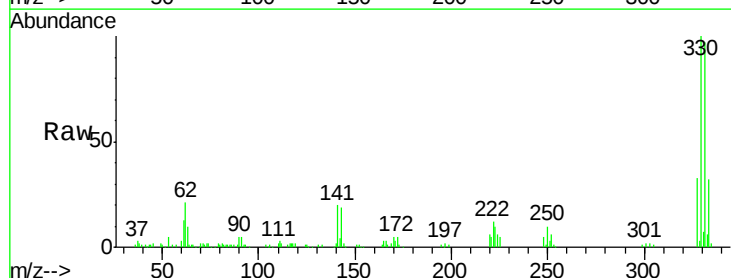


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

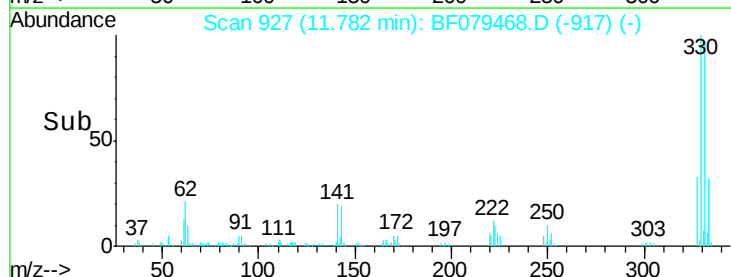
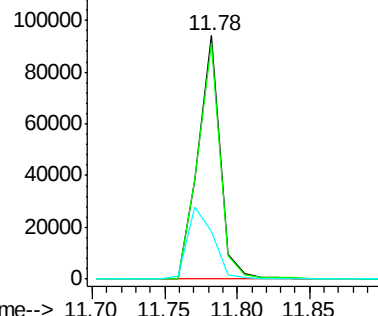


#41
 2,4,6-Tribromophenol
 Concen: 60.75 ng
 RT: 11.78 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF079468.D
 Acq: 23 May 2015 10:47

Tgt Ion:330 Resp: 100116
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.9 115.3
 141 34.1 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

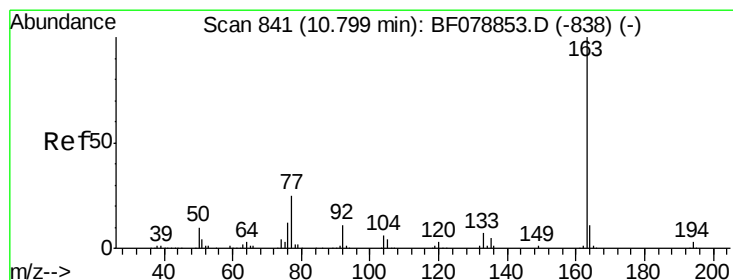
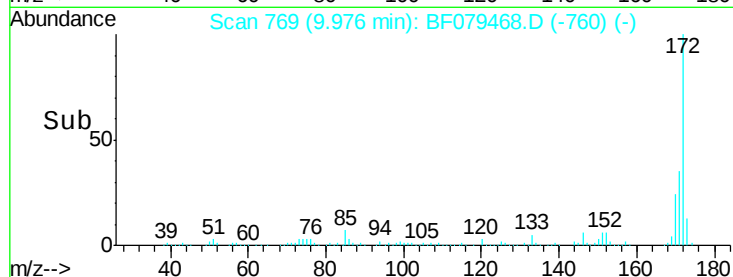
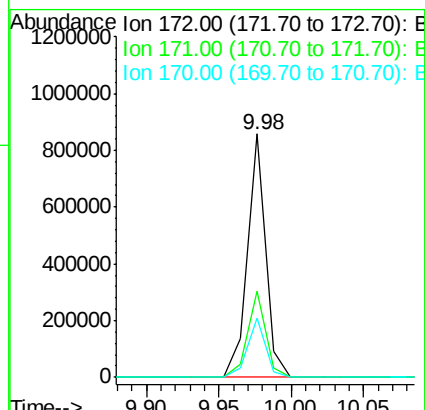
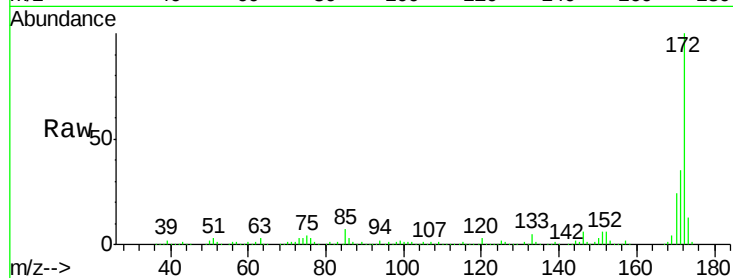




#44
 2-Fluorobiphenyl
 Concen: 68.45 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079468.D
 Acq: 23 May 2015 10:47

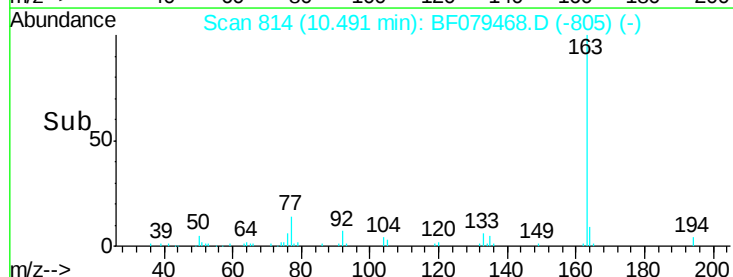
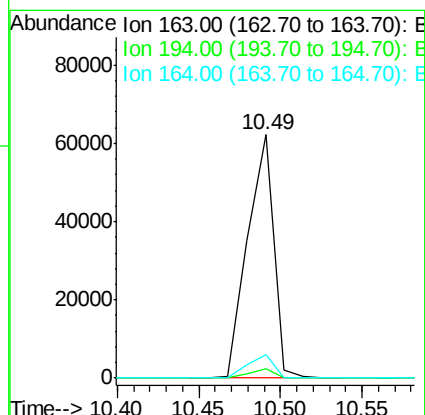
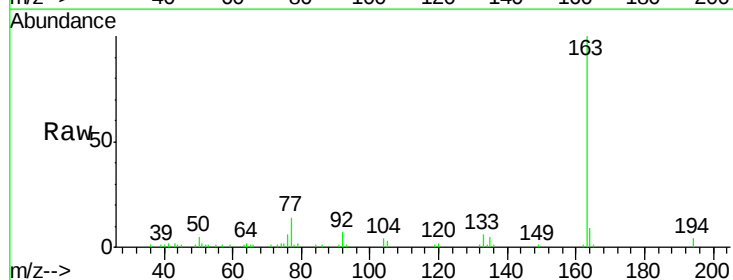
Instrument :
 BNA_F
 ClientSampleID :
 SW-021

Tgt Ion:172 Resp: 748477
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 24.4 19.4 29.2



#49
 Dimethylphthalate
 Concen: 6.16 ng
 RT: 10.49 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF079468.D
 Acq: 23 May 2015 10:47

Tgt Ion:163 Resp: 68895
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.4 3.6#
 164 9.4 8.6 12.8

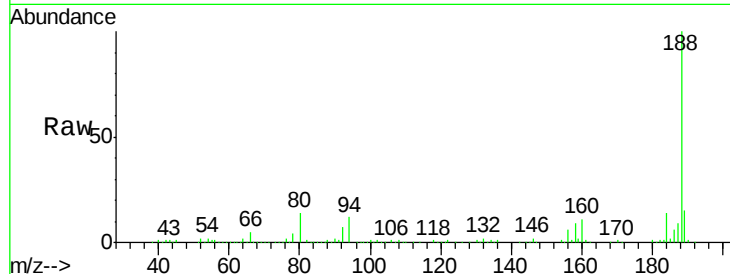




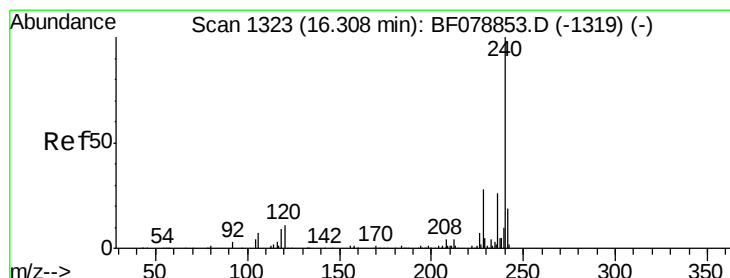
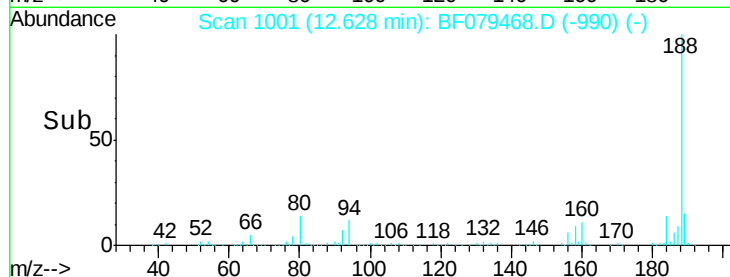
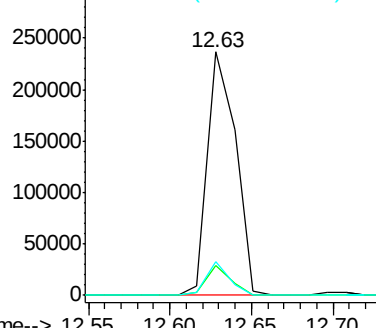
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF079468.D
Acq: 23 May 2015 10:47

Instrument :
BNA_F
ClientSampleId :
SW-021

Tgt Ion:188 Resp: 283266
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.0
80 13.6 9.8 14.6

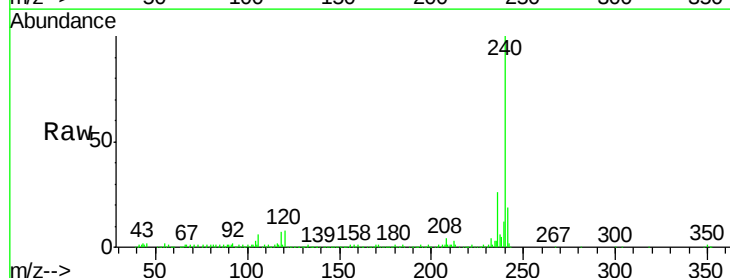


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

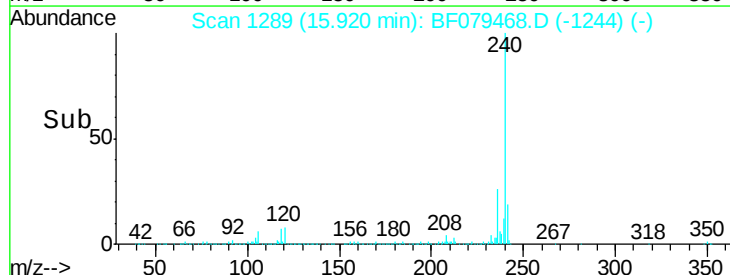
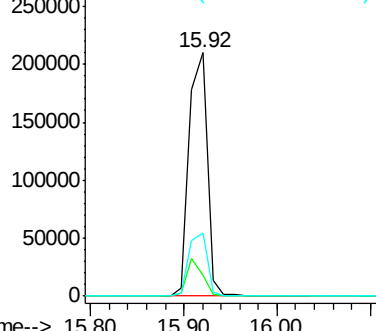


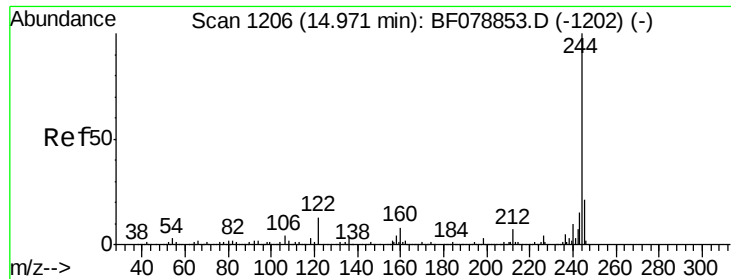
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF079468.D
Acq: 23 May 2015 10:47

Tgt Ion:240 Resp: 283910
Ion Ratio Lower Upper
240 100
120 8.4 8.6 12.8#
236 25.9 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

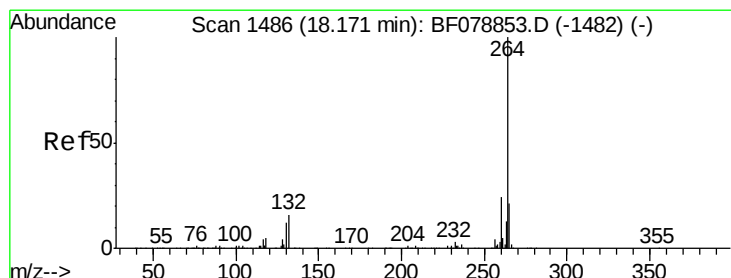
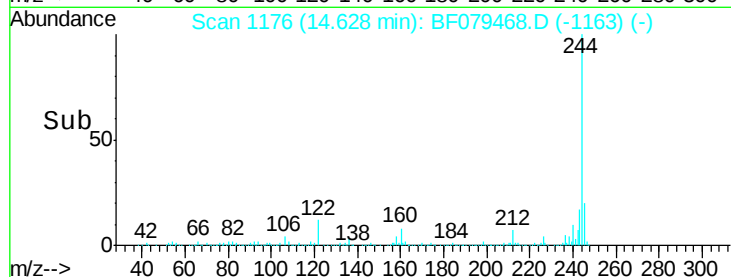
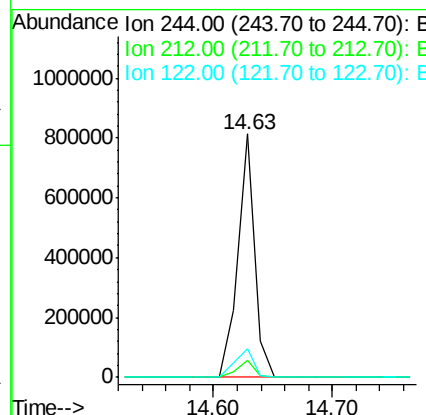
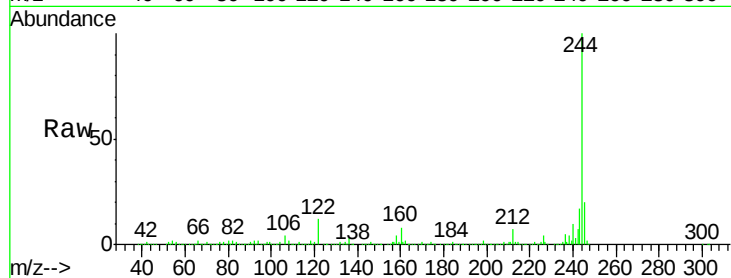




#78
 Terphenyl-d14
 Concen: 67.69 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF079468.D
 Acq: 23 May 2015 10:47

Instrument :
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Tgt Ion:244 Resp: 802665
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.9 10.5 15.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.65 min Scan# 1440
 Delta R.T. 0.03 min
 Lab File: BF079468.D
 Acq: 23 May 2015 10:47

Tgt Ion:264 Resp: 289835
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.7 17.2 25.8

