

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079214.D
 Acq On : 14 May 2015 1:02
 Operator : TP/IZ
 Sample : G2203-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F-COMP

Quant Time: May 14 02:25:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

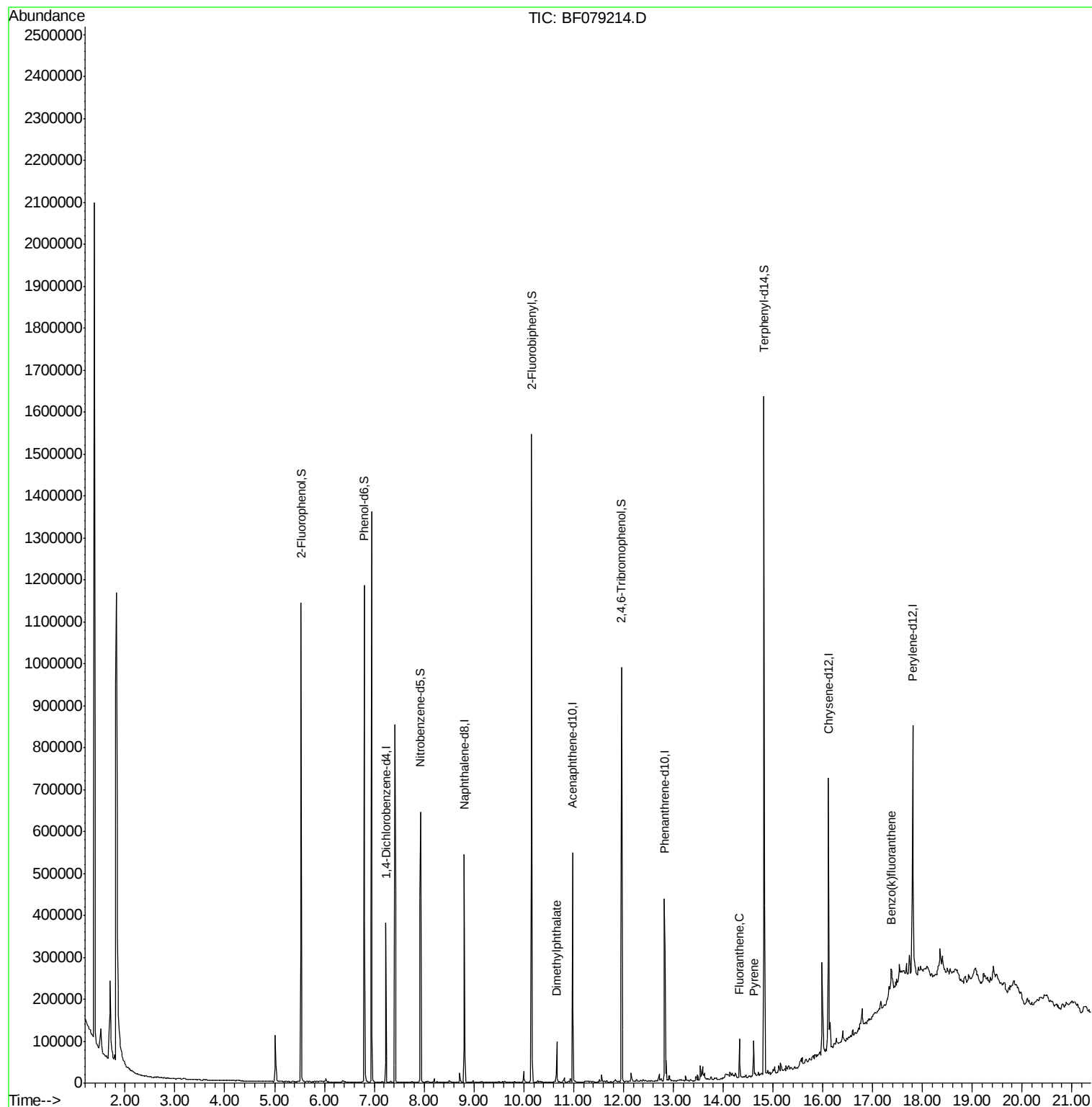
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	59288	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	238902	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	115740	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	213174	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	232097	20.00	ng	-0.05
86) Perylene-d12	17.81	264	265150	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	351560	102.07	ng	0.00
7) Phenol-d6	6.80	99	442736	97.25	ng	0.00
23) Nitrobenzene-d5	7.93	82	266327	64.07	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	126784	101.26	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	513440	61.80	ng	0.00
78) Terphenyl-d14	14.82	244	551213	56.86	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.66	163	39710	4.67	ng	100
74) Fluoranthene	14.33	202	40610	3.27	ng	99
77) Pyrene	14.62	202	41556	3.11	ng	98
88) Benzo(k)fluoranthene	17.37	252	30091	2.14	ng	# 88

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

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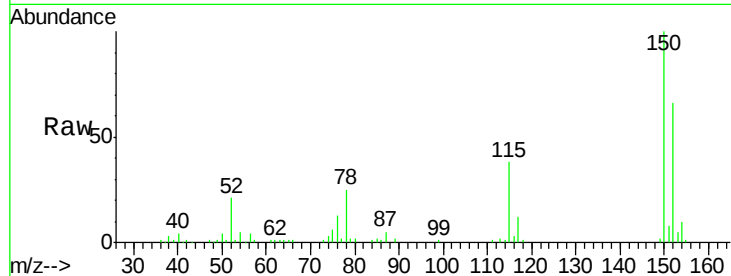




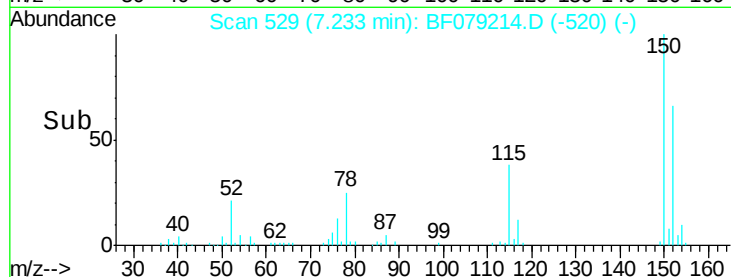
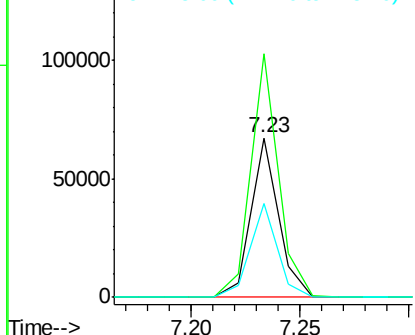
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079214.D
 Acq: 14 May 2015 1:02

Instrument :
 BNA_F
 ClientSampled :
 F-COMP

Tgt Ion:152 Resp: 59288
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.0 183.0
 115 58.5 46.3 69.5

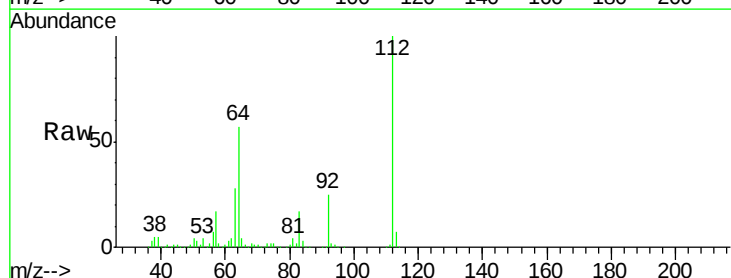


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

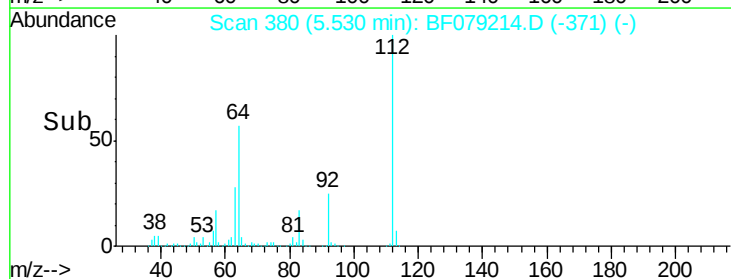
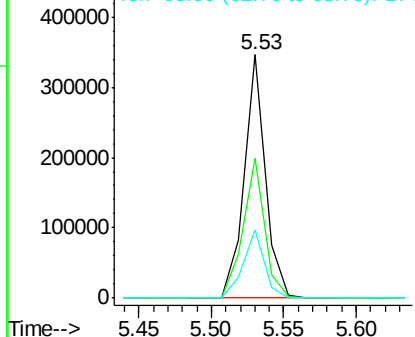


#5
 2-Fluorophenol
 Concen: 102.07 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079214.D
 Acq: 14 May 2015 1:02

Tgt Ion:112 Resp: 351560
 Ion Ratio Lower Upper
 112 100
 64 57.3 53.5 80.3
 63 28.2 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: 97.25 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079214.D

Acq: 14 May 2015 1:02

Instrument :

BNA_F

ClientSampleId :

F-COMP

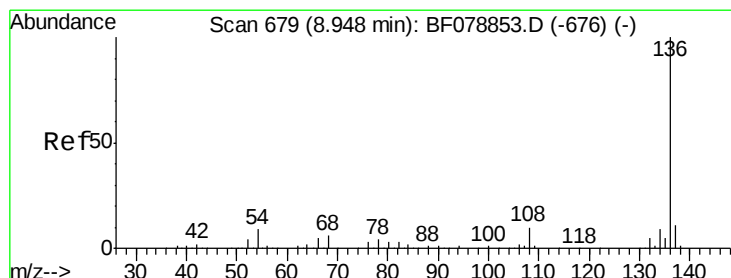
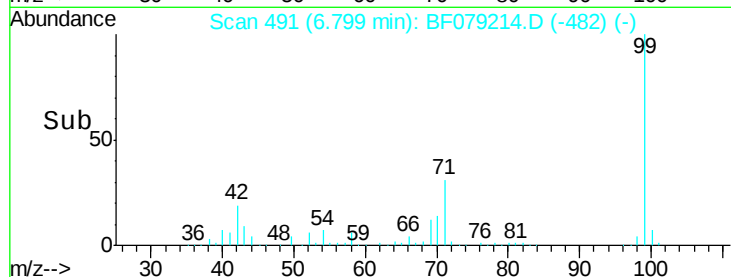
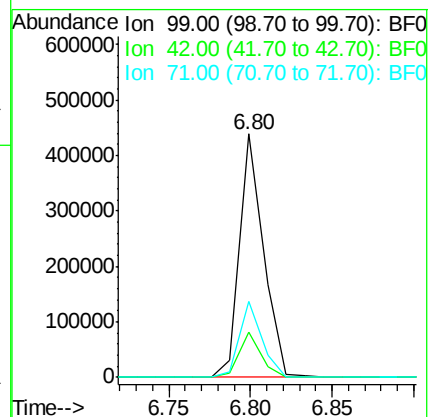
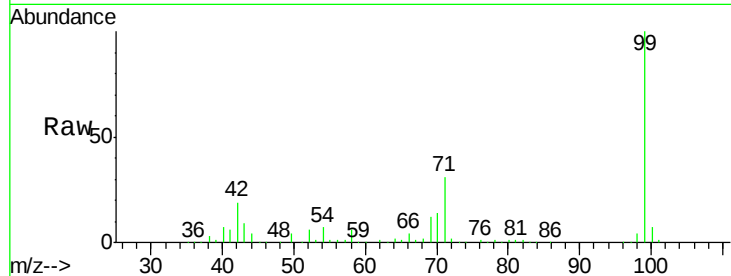
Tgt Ion: 99 Resp: 442736

Ion Ratio Lower Upper

99 100

42 18.5 12.8 19.2

71 31.2 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079214.D

Acq: 14 May 2015 1:02

Tgt Ion: 136 Resp: 238902

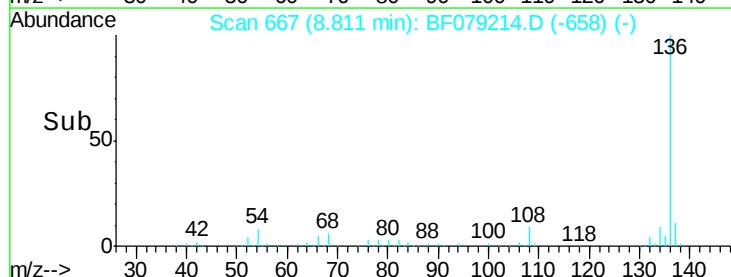
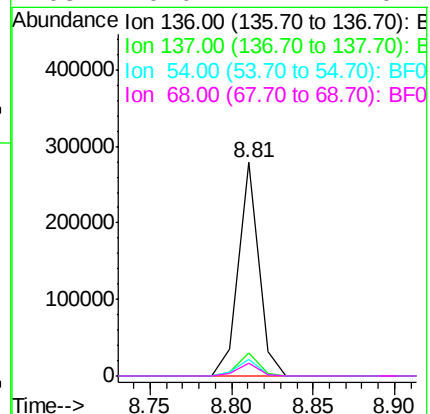
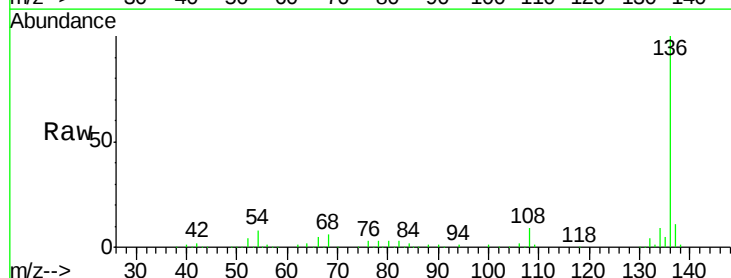
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.6 5.8 8.8

68 6.0 4.2 6.4

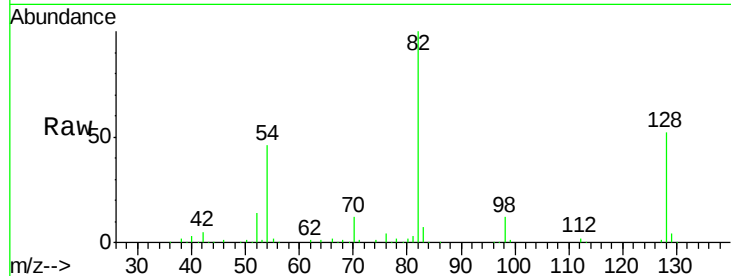




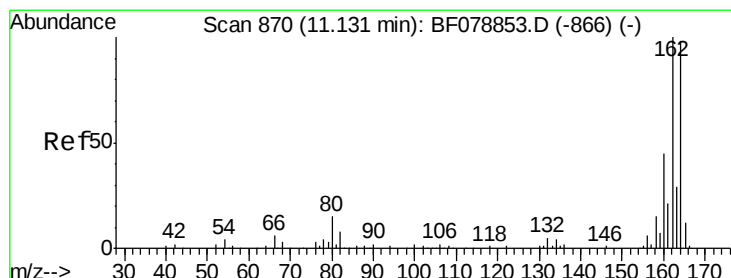
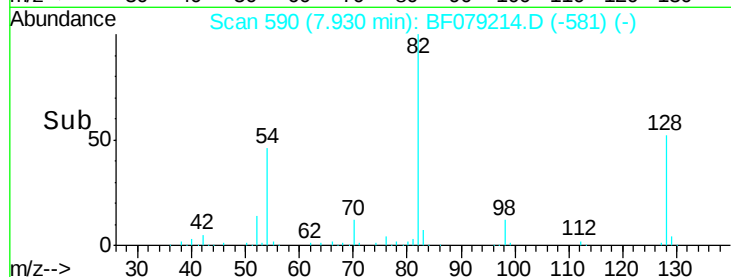
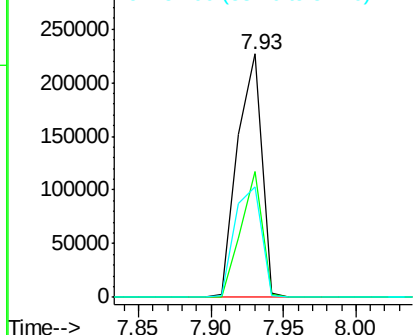
#23
 Nitrobenzene-d5
 Concen: 64.07 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079214.D
 Acq: 14 May 2015 1:02

Instrument :
 BNA_F
 ClientSampleId :
 F-COMP

Tgt Ion: 82 Resp: 266327
 Ion Ratio Lower Upper
 82 100
 128 51.6 30.0 45.0#
 54 45.5 46.4 69.6#

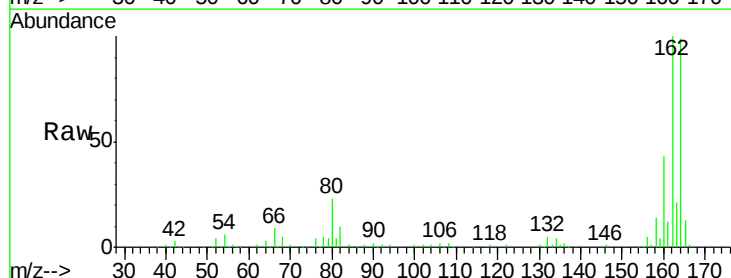


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

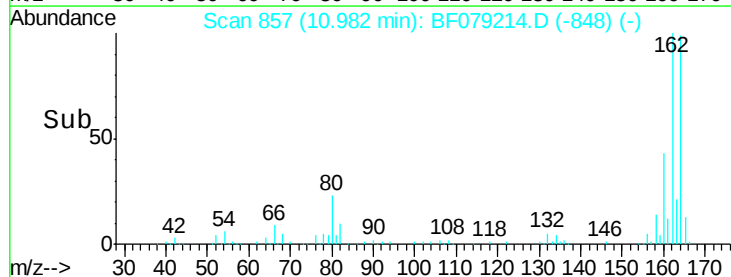
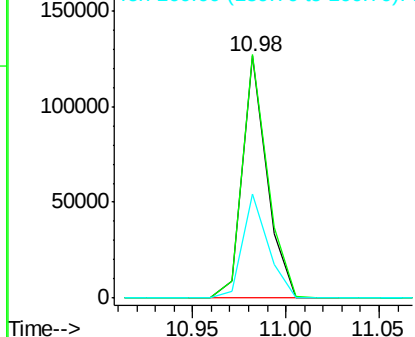


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079214.D
 Acq: 14 May 2015 1:02

Tgt Ion: 164 Resp: 115740
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.7 124.1
 160 43.3 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

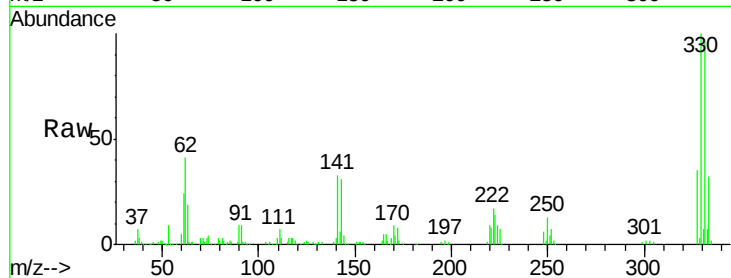




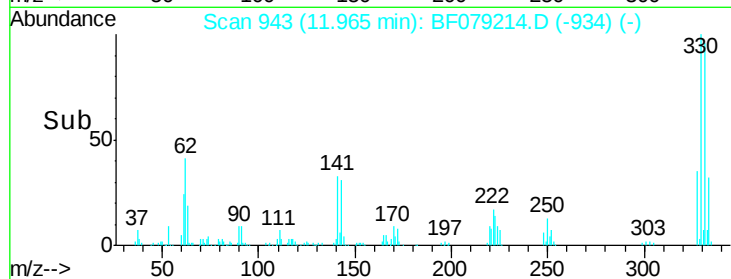
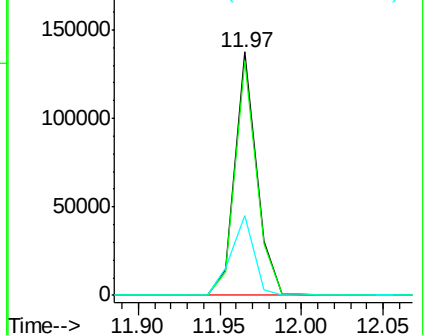
#41
 2,4,6-Tribromophenol
 Concen: 101.26 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079214.D
 Acq: 14 May 2015 1:02

Instrument :
 BNA_F
 ClientSampleId :
 F-COMP

Tgt Ion: 330 Resp: 126784
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 34.5 0.0 0.0#

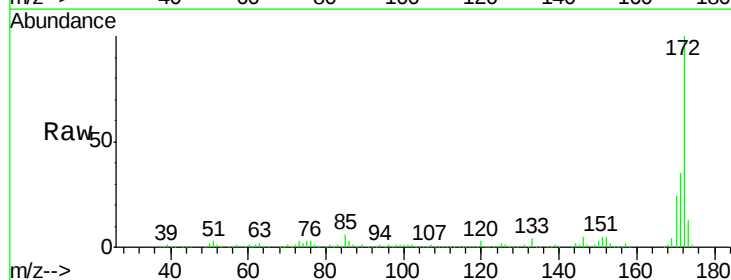


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

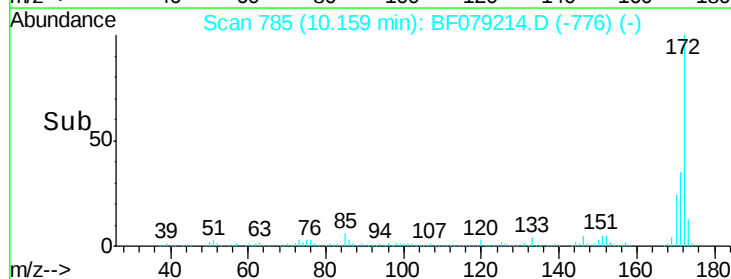
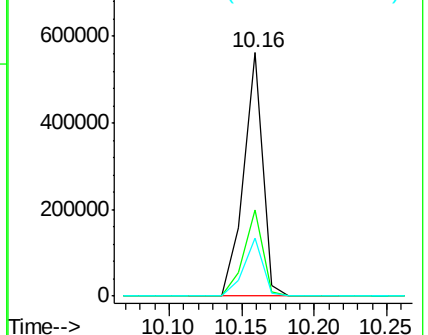


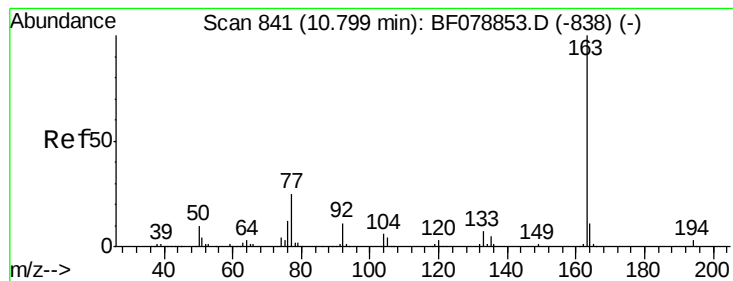
#44
 2-Fluorobiphenyl
 Concen: 61.80 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079214.D
 Acq: 14 May 2015 1:02

Tgt Ion: 172 Resp: 513440
 Ion Ratio Lower Upper
 172 100
 171 35.2 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: 4.67 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF079214.D

Acq: 14 May 2015 1:02

Instrument :

BNA_F

ClientSampleId :

F-COMP

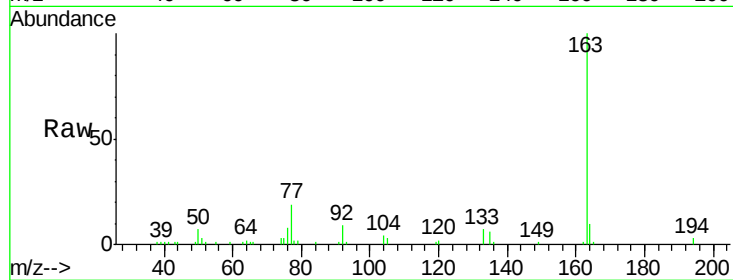
Tgt Ion:163 Resp: 39710

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

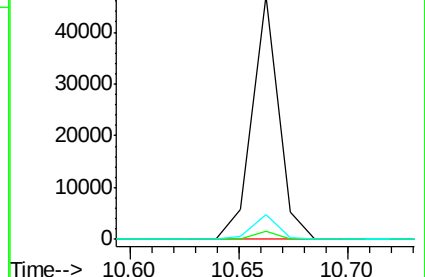
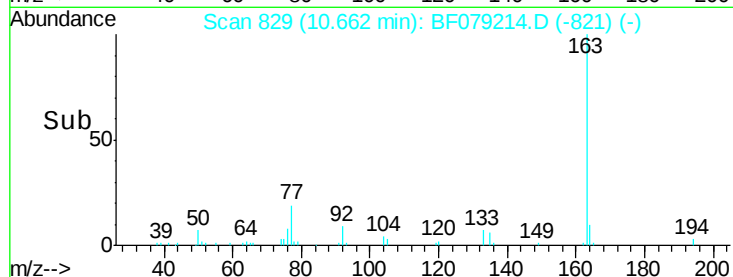
164 10.3 8.1 12.1



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: 12.82 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF079214.D

Acq: 14 May 2015 1:02

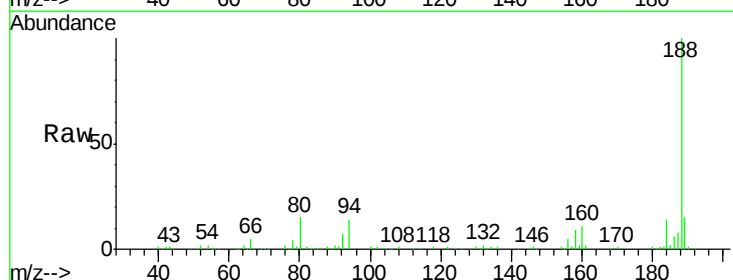
Tgt Ion:188 Resp: 213174

Ion Ratio Lower Upper

188 100

94 14.0 8.2 12.2#

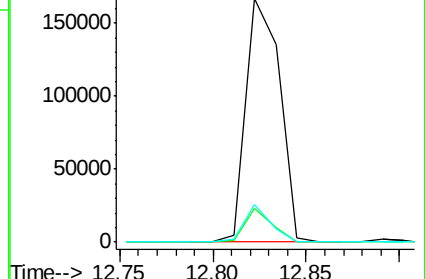
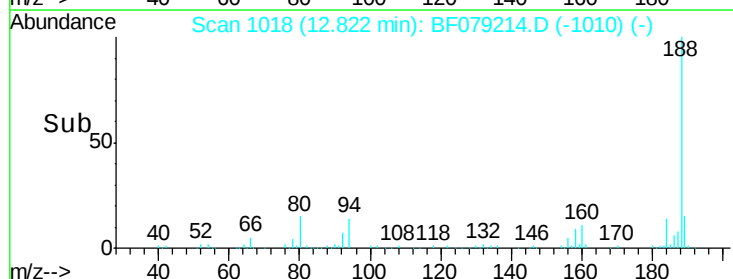
80 15.2 8.9 13.3#

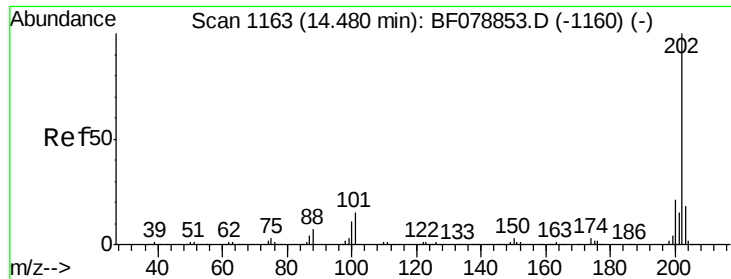


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

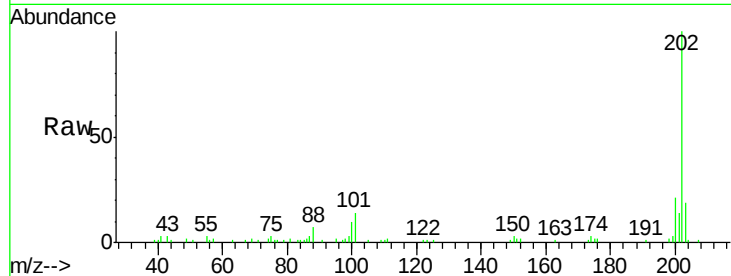




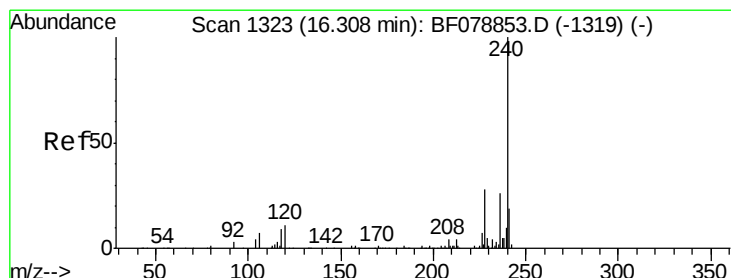
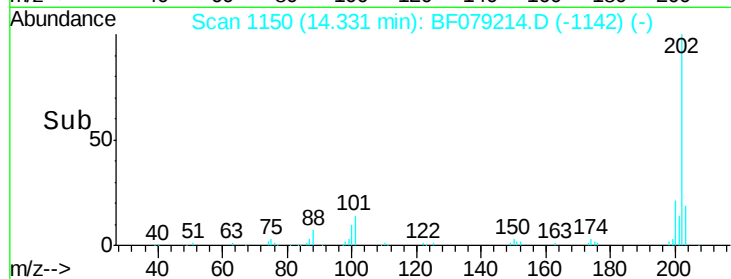
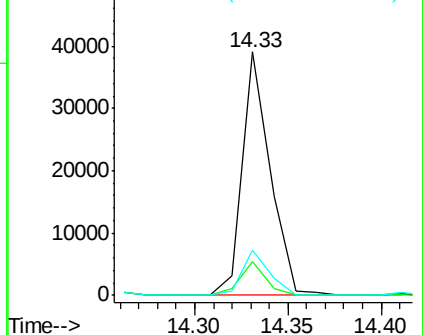
#74
 Fluoranthene
 Concen: 3.27 ng
 RT: 14.33 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF079214.D
 Acq: 14 May 2015 1:02

Instrument :
 BNA_F
 ClientSampleId :
 F-COMP

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.6
203	18.7	0.0	38.4

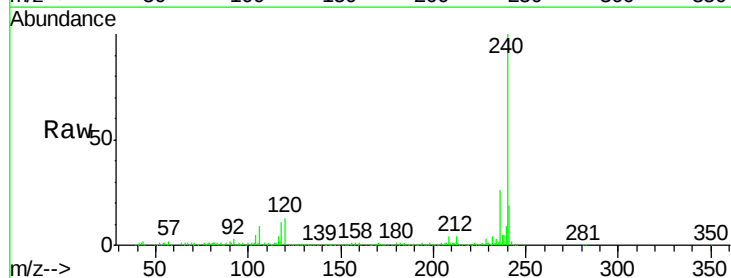


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

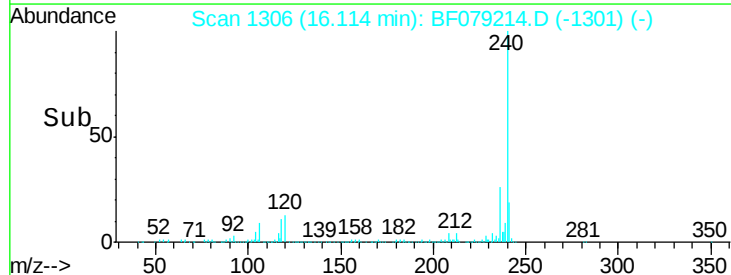
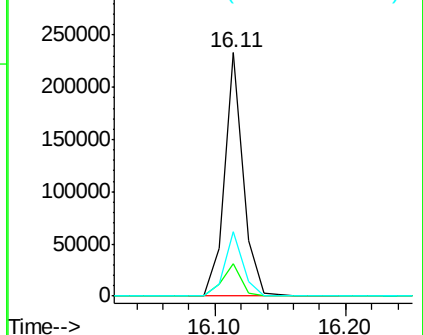


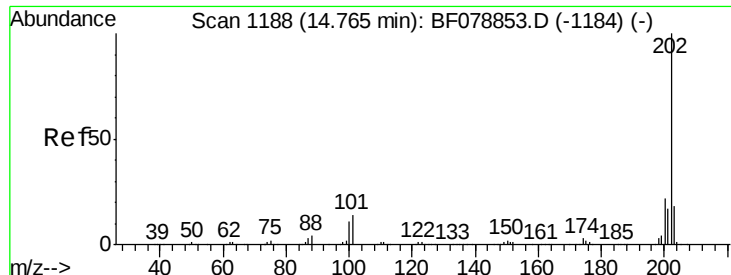
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.11 min Scan# 1306
 Delta R.T. -0.05 min
 Lab File: BF079214.D
 Acq: 14 May 2015 1:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.7	14.5
236	26.4	20.2	30.4



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

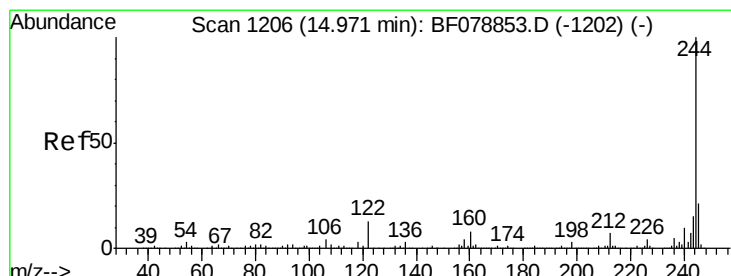
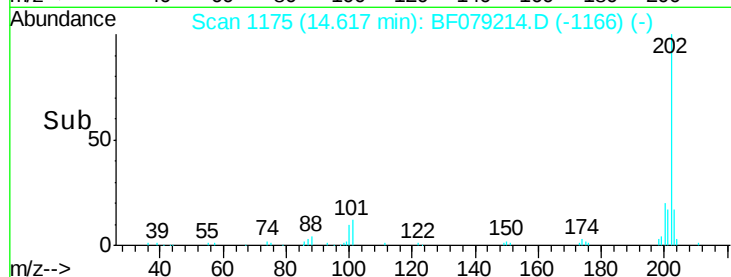
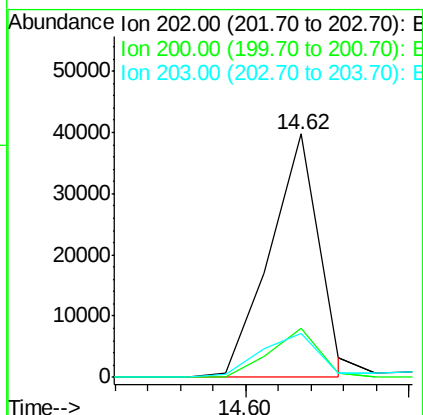
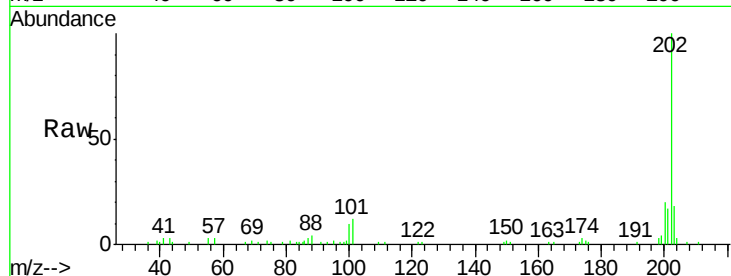




#77
 Pyrene
 Concen: 3.11 ng
 RT: 14.62 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF079214.D
 Acq: 14 May 2015 1:02

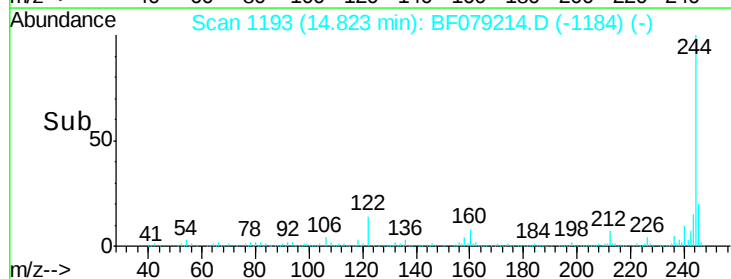
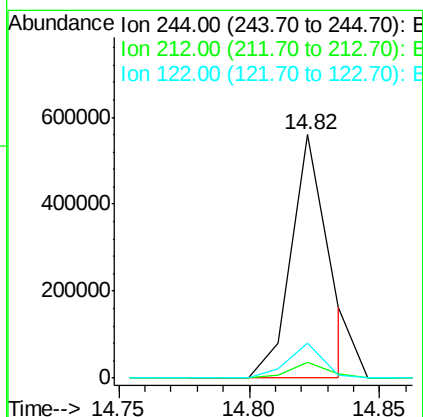
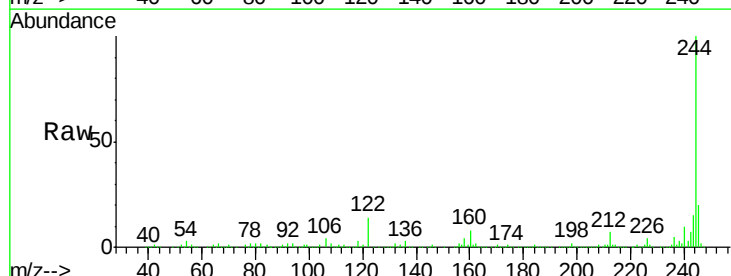
Instrument :
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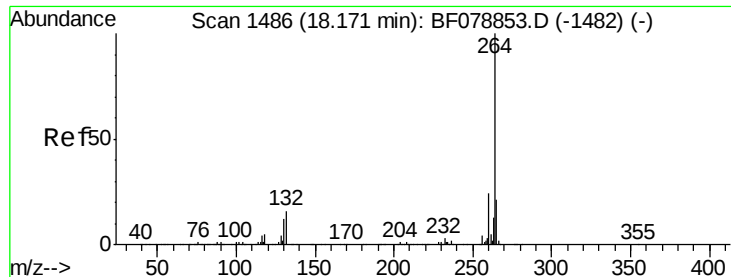
Tgt Ion: 202 Resp: 41556
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.5 26.3
 203 17.9 13.9 20.9



#78
 Terphenyl-d14
 Concen: 56.86 ng
 RT: 14.82 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF079214.D
 Acq: 14 May 2015 1:02

Tgt Ion: 244 Resp: 551213
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 14.4 10.3 15.5

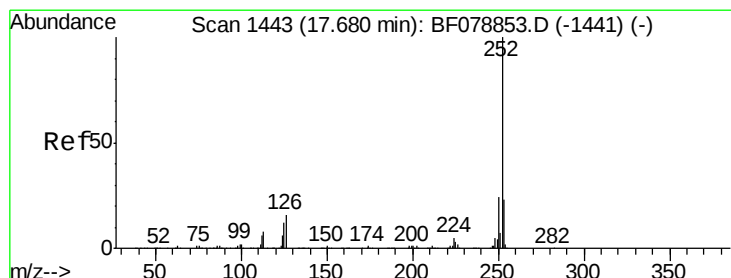
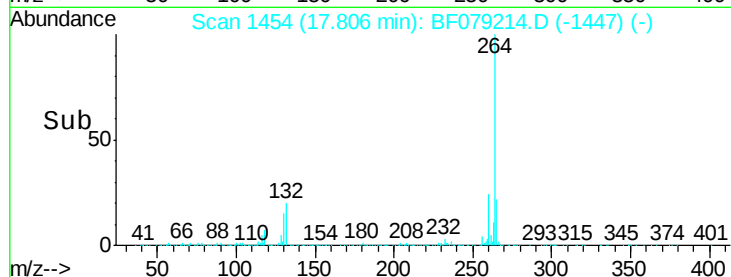
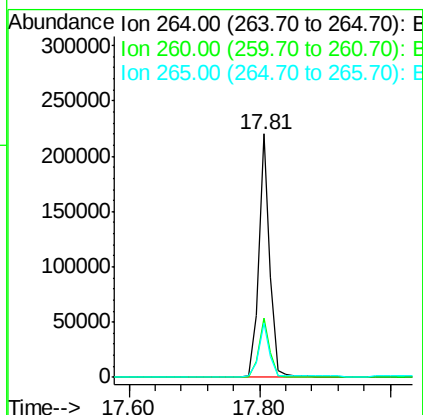
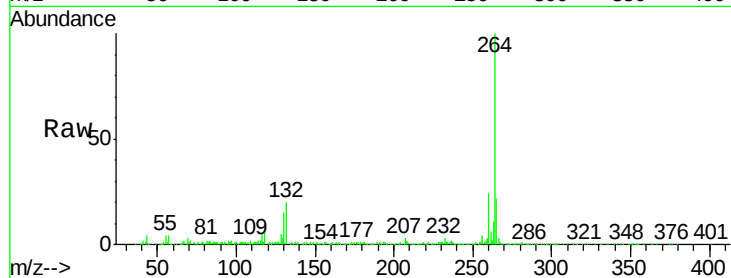




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.22 min
Lab File: BF079214.D
Acq: 14 May 2015 1:02

Instrument :
BNA_F
ClientSampleId :
F-COMP

Tgt Ion: 264 Resp: 265150
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.0 18.3 27.5



#88
Benzo(k)fluoranthene
Concen: 2.14 ng
RT: 17.37 min Scan# 1416
Delta R.T. -0.19 min
Lab File: BF079214.D
Acq: 14 May 2015 1:02

Tgt Ion: 252 Resp: 30091
Ion Ratio Lower Upper
252 100
253 26.8 18.1 27.1
125 19.4 10.0 15.0#

