

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
 Data File : BF079336.D
 Acq On : 19 May 2015 6:50
 Operator : TP/IZ
 Sample : G2270-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Quant Time: May 19 07:44:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 07:20:28 2015
 Response via : Initial Calibration

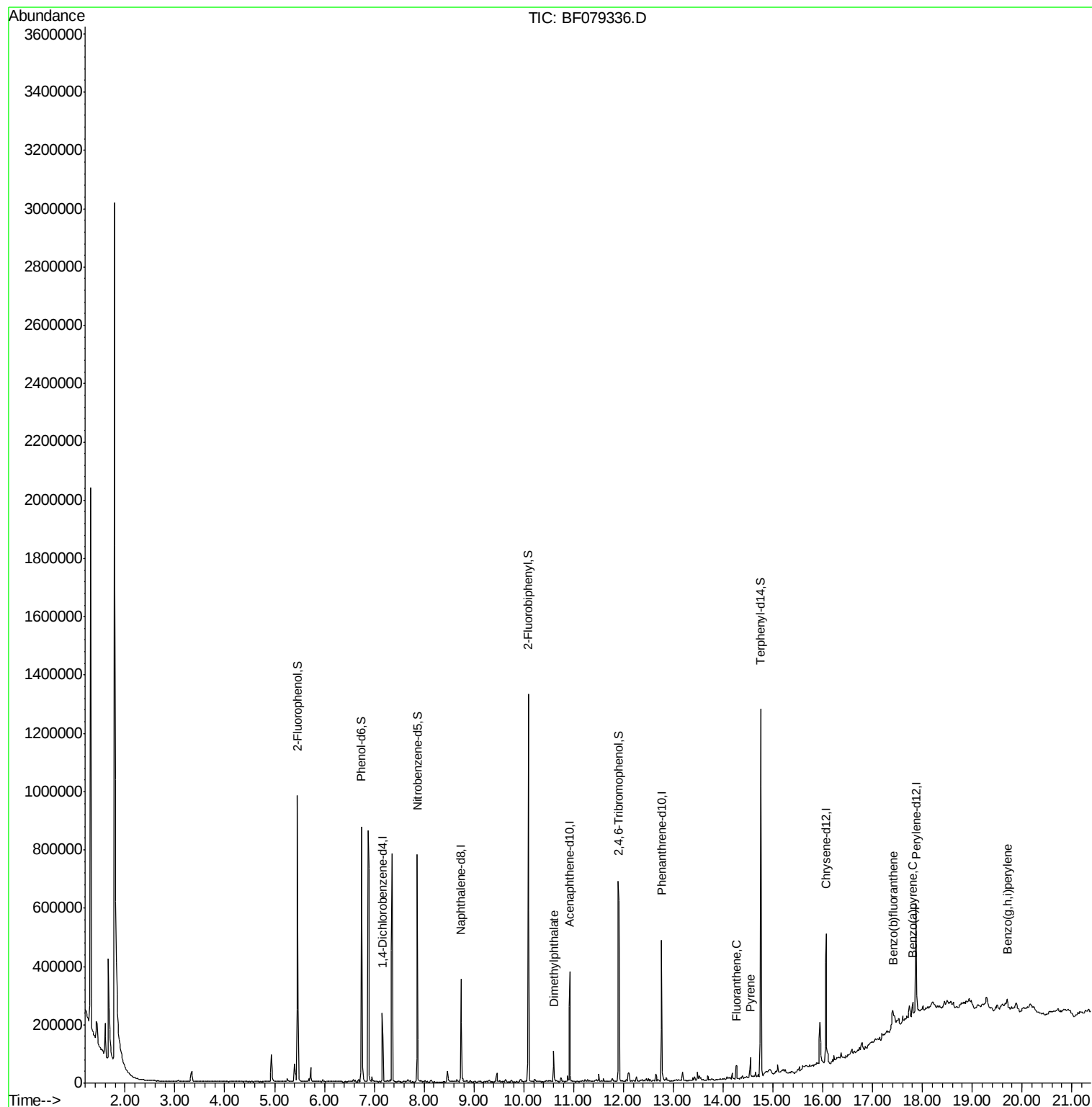
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	46415	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	194538	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	98305	20.00	ng	0.01
63) Phenanthrene-d10	12.77	188	190785	20.00	ng	0.01
75) Chrysene-d12	16.07	240	201827	20.00	ng	0.01
86) Perylene-d12	17.87	264	203120	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	302947m	112.35	ng	0.01
7) Phenol-d6	6.74	99	403835	113.30	ng	0.00
23) Nitrobenzene-d5	7.86	82	236297	69.81	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	126540	118.99	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	473163	67.06	ng	0.00
78) Terphenyl-d14	14.75	244	579374	68.73	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.60	163	51069	7.08	ng	96
74) Fluoranthene	14.27	202	27132	2.44	ng	92
77) Pyrene	14.55	202	30781	2.65	ng	99
87) Benzo(b)fluoranthene	17.41	252	36879m	3.32	ng	
89) Benzo(a)pyrene	17.81	252	27736	2.71	ng	# 93
91) Benzo(g,h,i)perylene	19.70	276	23227	2.13	ng	# 87

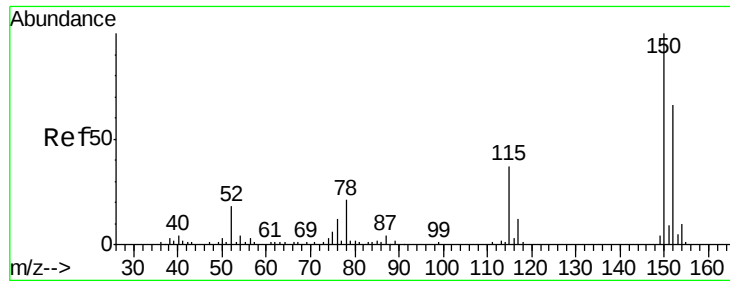
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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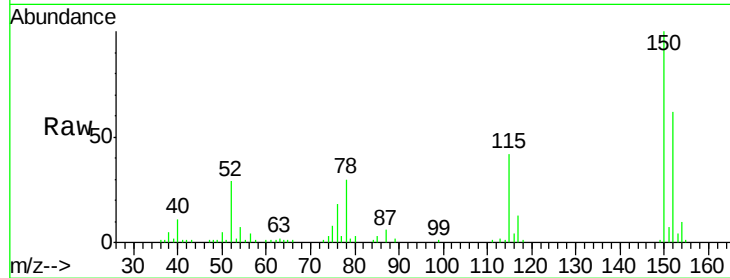




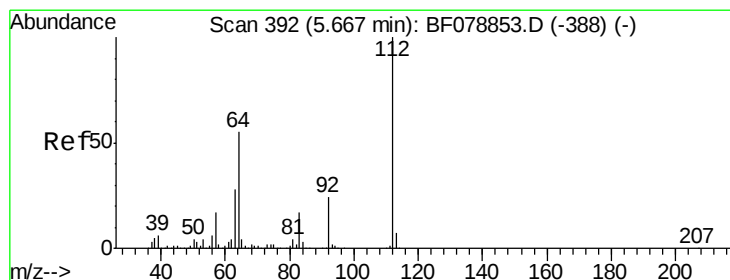
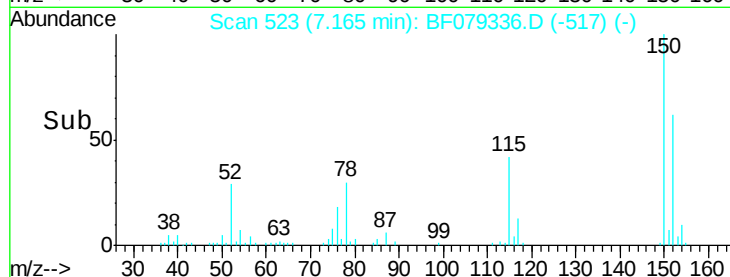
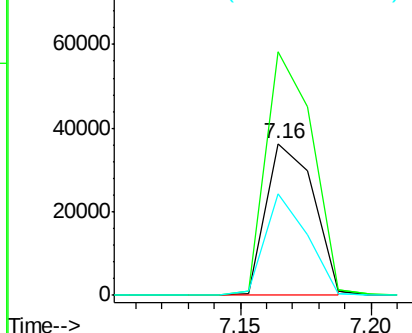
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tot Ion:	152	Resp:	46415
Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.8	185.8
115	67.0	49.4	74.0

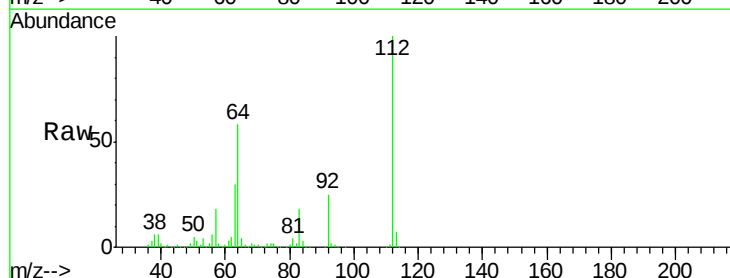


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

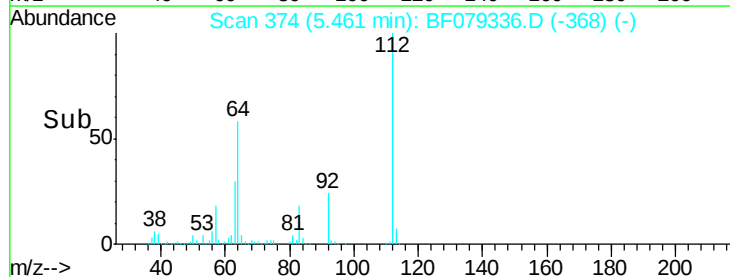
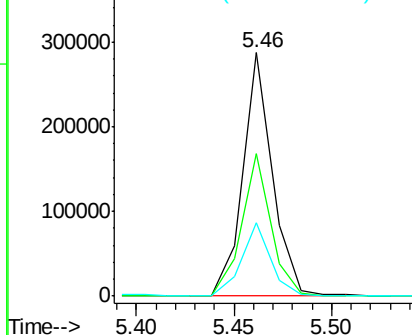


#5
 2-Fluorophenol
 Concen: 112.35 ng m
 RT: 5.46 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

Tgt Ion:	112	Resp:	302947
Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.2	66.2
63	30.0	22.7	34.1



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: 113.30 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

Instrument :

BNA_F

ClientSampleId :

SB-10

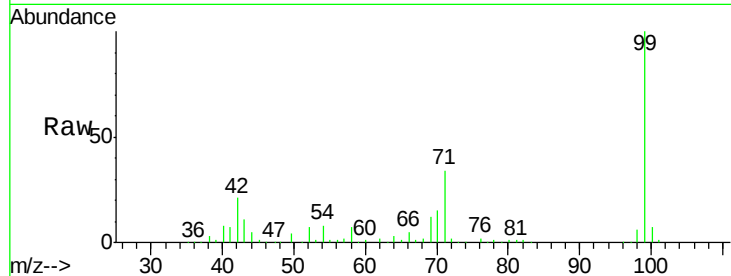
Tot Ion: 99 Resp: 403835

Ion Ratio Lower Upper

99 100

42 21.1 17.1 25.7

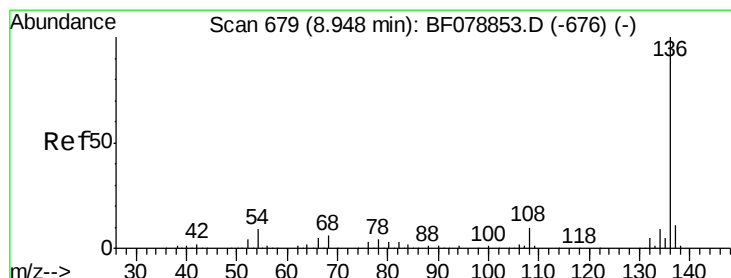
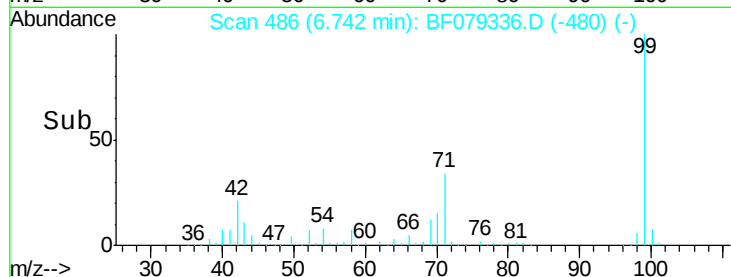
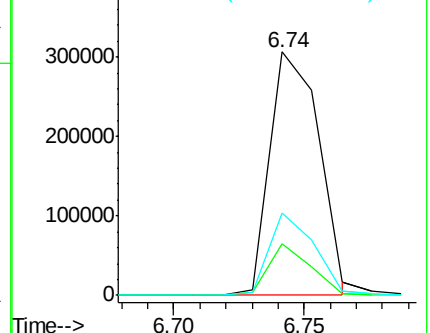
71 34.0 26.3 39.5



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: 8.74 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

Tgt Ion: 136 Resp: 194538

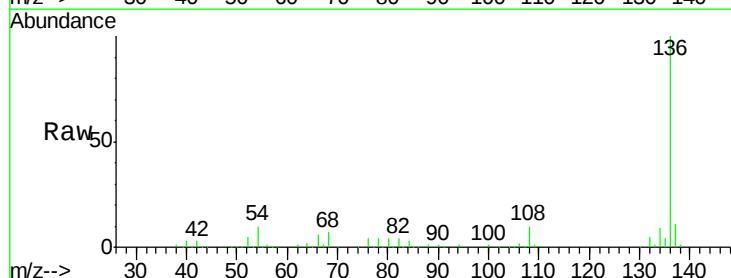
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.7 6.9 10.3

68 6.7 4.9 7.3

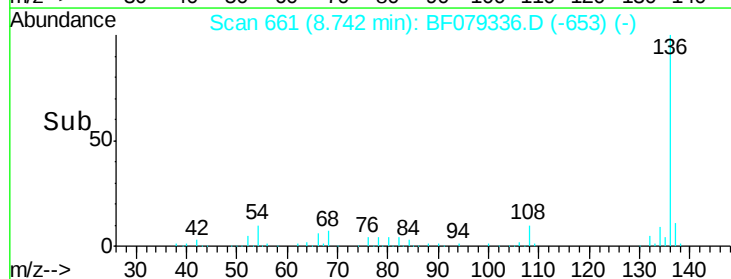
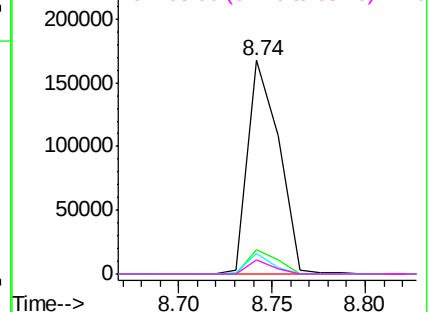


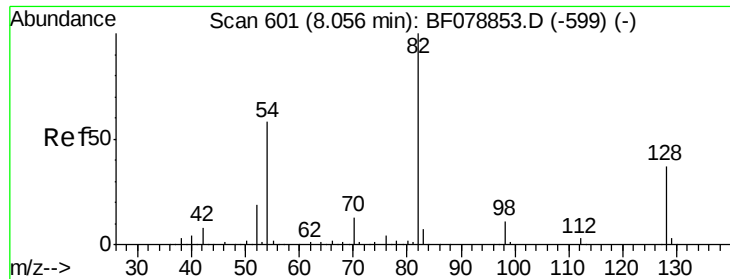
Abundance Ion 136.00 (135.70 to 136.70): E

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

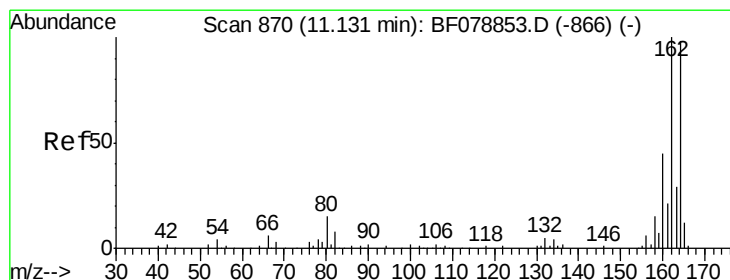
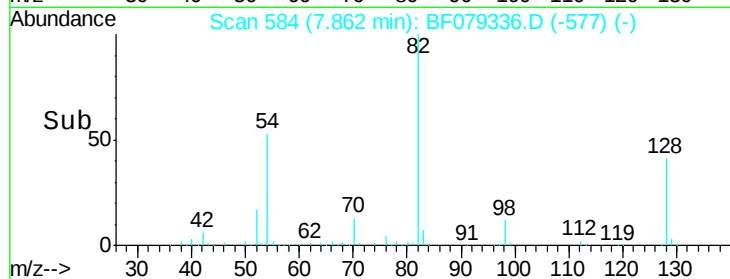
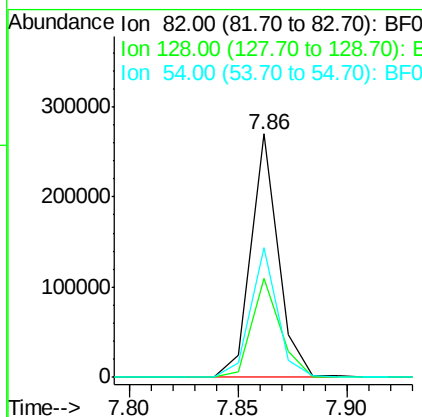
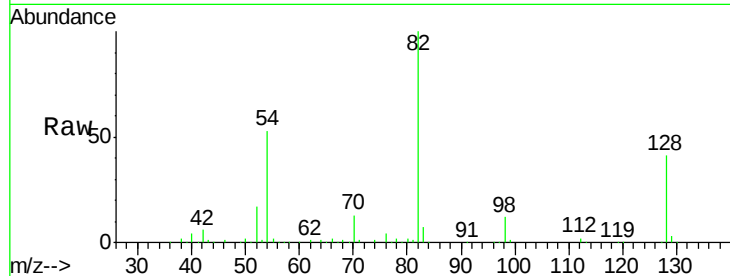




#23
 Nitrobenzene-d5
 Concen: 69.81 ng
 RT: 7.86 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

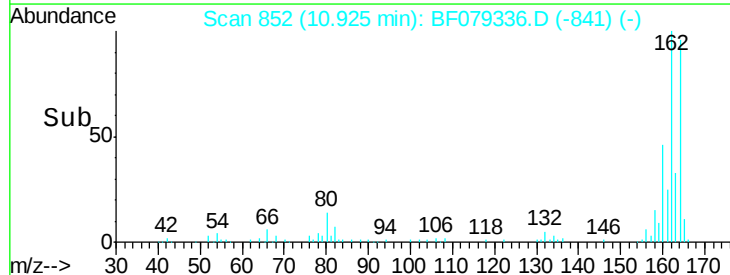
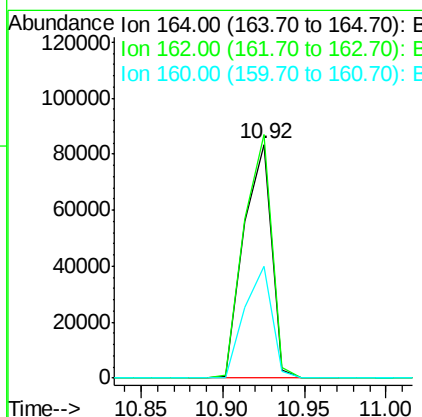
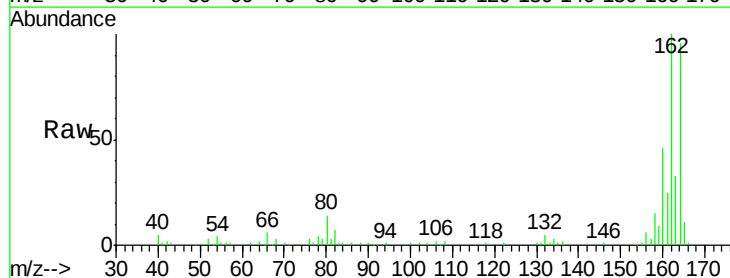
Instrument :
 BNA_F
 ClientSampleID :
 SB-10

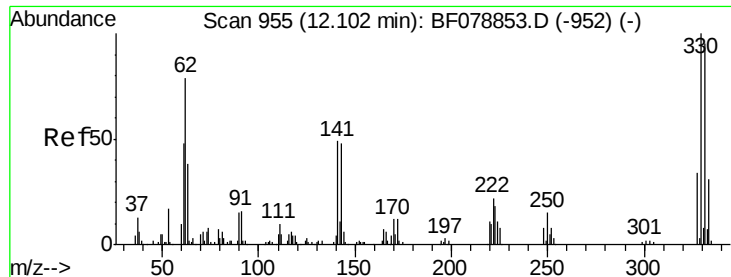
Tot Ion: 82 Resp: 236297
 Ion Ratio Lower Upper
 82 100
 128 40.8 29.7 44.5
 54 53.1 46.2 69.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

Tgt Ion: 164 Resp: 98305
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.4 122.0
 160 47.7 36.6 54.8

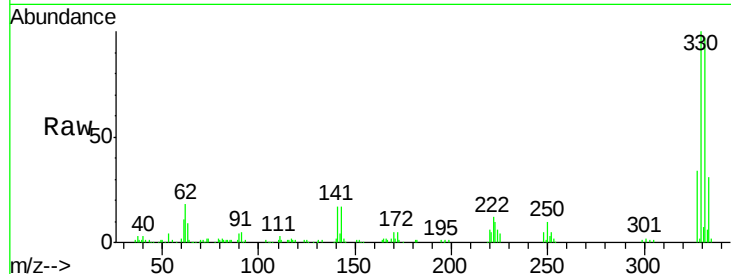




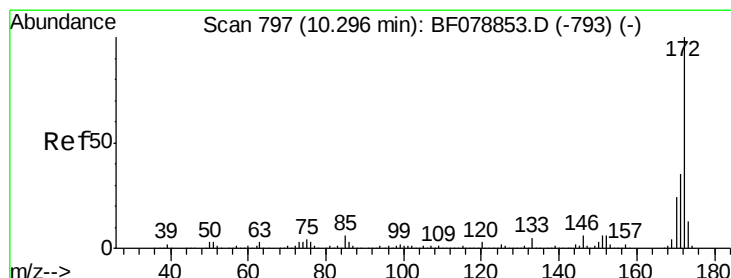
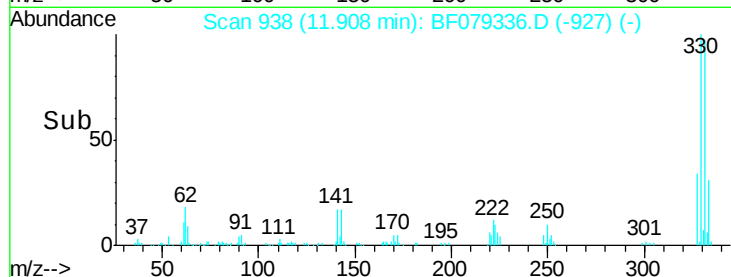
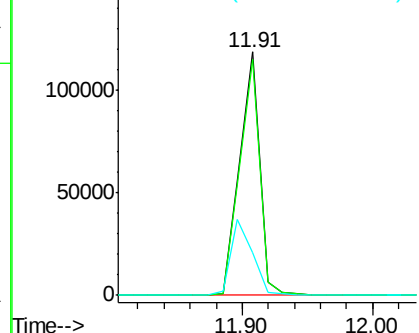
#41
 2,4,6-Tribromophenol
 Concen: 118.99 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tot Ion:330 Resp: 126540
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.9 115.3
 141 33.2 27.8 41.8

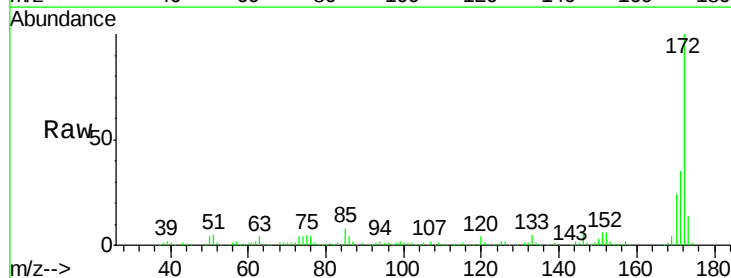


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

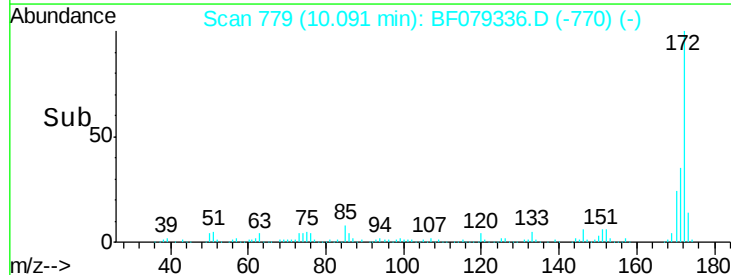
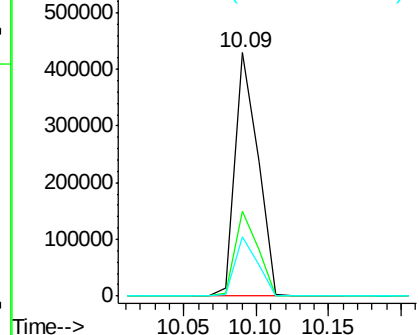


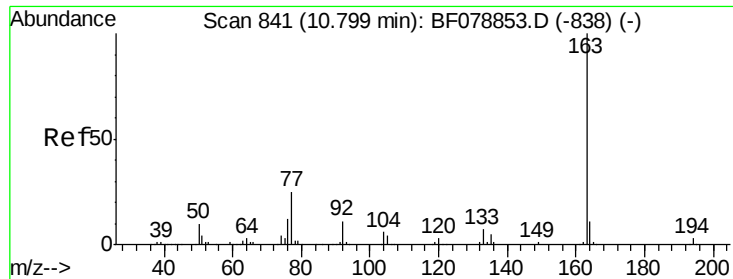
#44
 2-Fluorobiphenyl
 Concen: 67.06 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

Tgt Ion:172 Resp: 473163
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 24.1 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

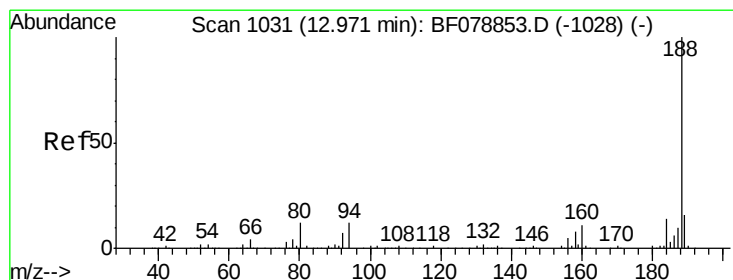
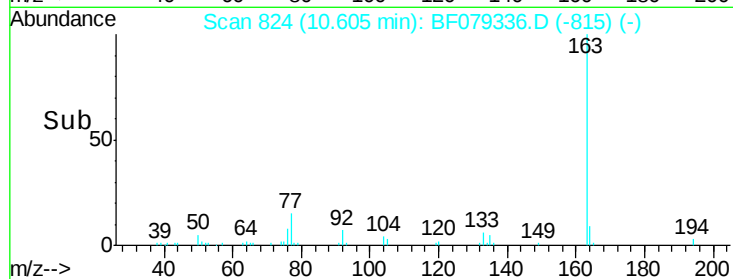
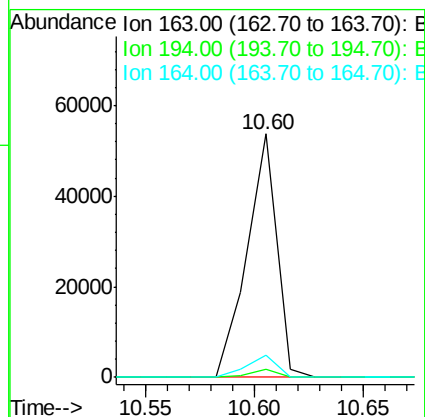
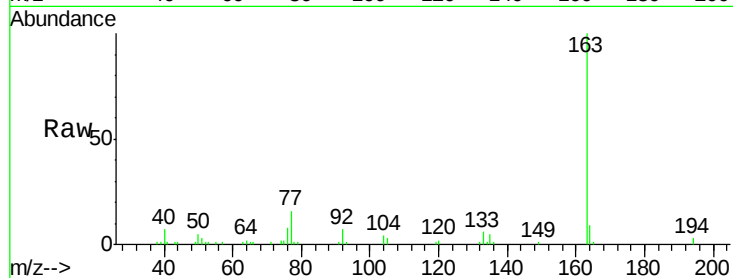




#49
Dimethylphthalate
Concen: 7.08 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF079336.D
Acq: 19 May 2015 6:50

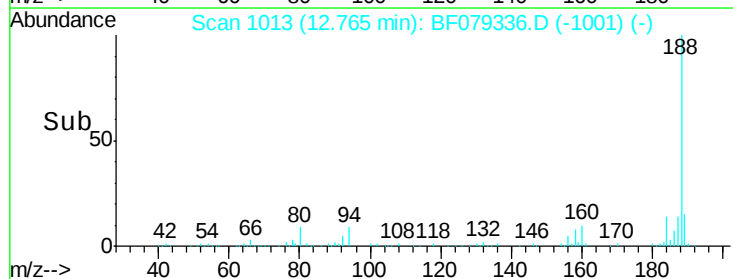
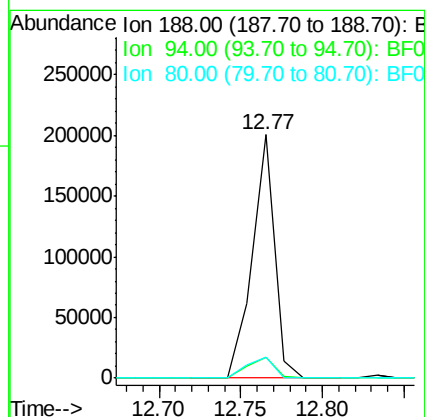
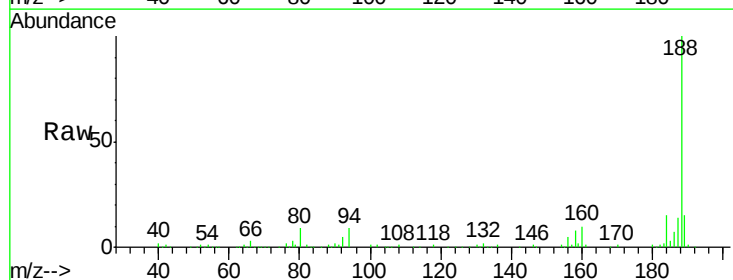
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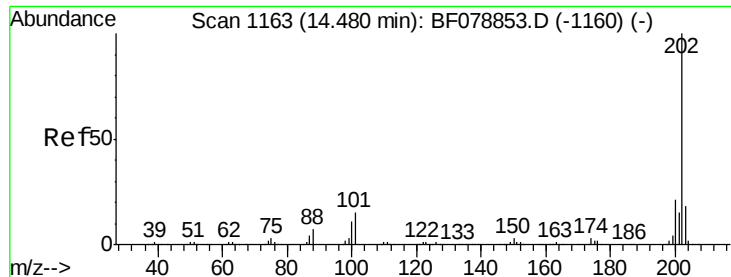
Tot Ion:163 Resp: 51069
Ion Ratio Lower Upper
163 100
194 3.2 2.4 3.6
164 8.9 8.6 12.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF079336.D
Acq: 19 May 2015 6:50

Tgt Ion:188 Resp: 190785
Ion Ratio Lower Upper
188 100
94 8.7 9.4 14.0#
80 8.6 9.8 14.6#

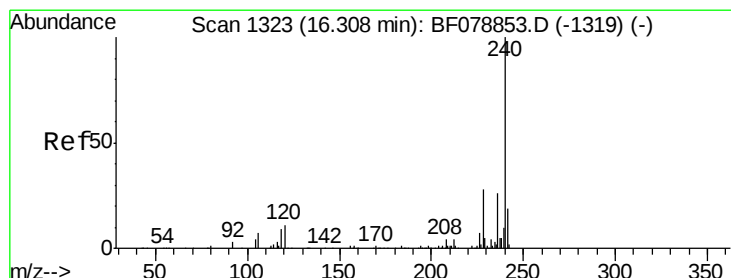
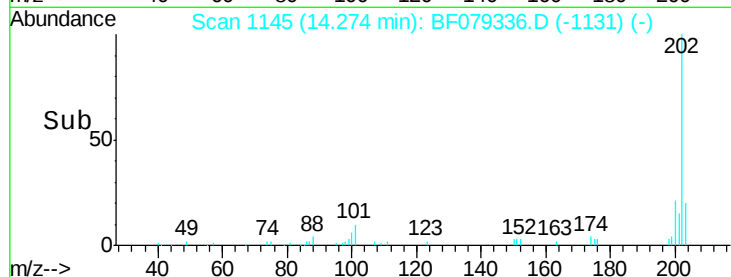
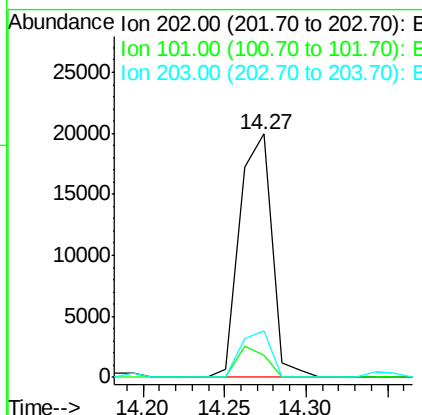
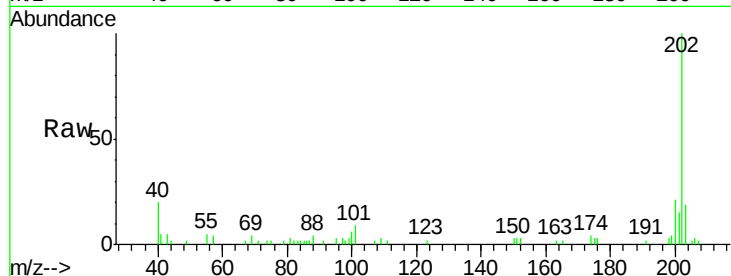




#74
 Fluoranthene
 Concen: 2.44 ng
 RT: 14.27 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

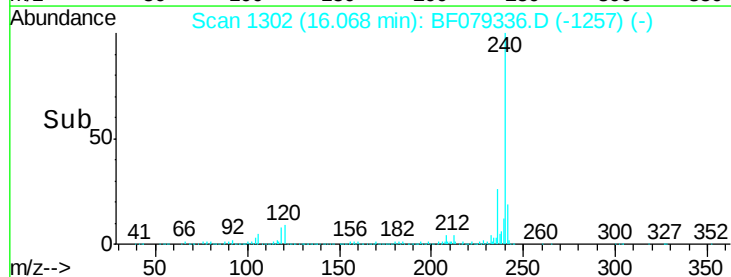
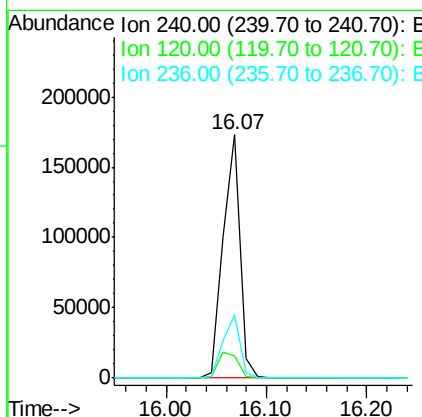
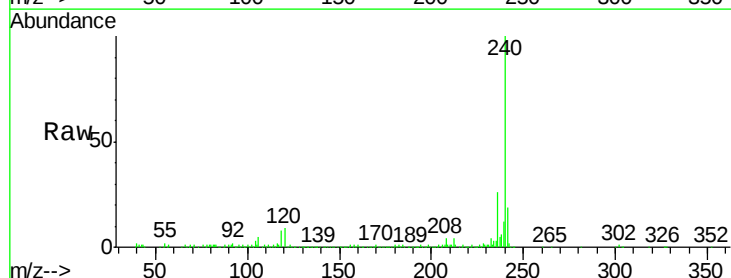
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 BNA_F
 ClientSampled :
 SB-10

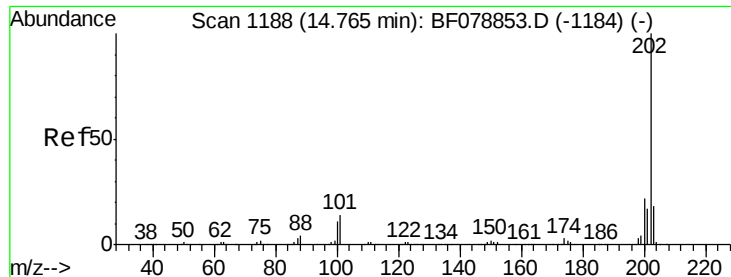
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	34.7
203	19.3	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.6	12.8
236	26.1	21.0	31.6





#77

Pvrene

Concen: 2.65 ng

RT: 14.55 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

Instrument :

BNA_F

ClientSampleId :

SB-10

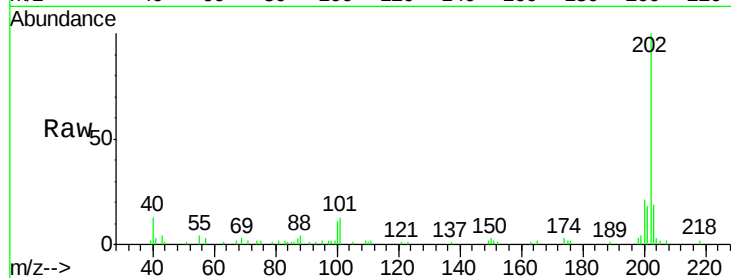
Tot Ion:202 Resp: 30781

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

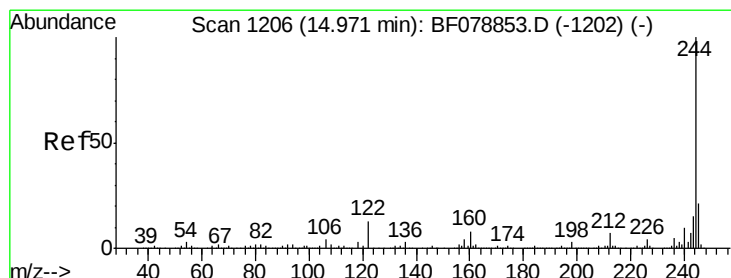
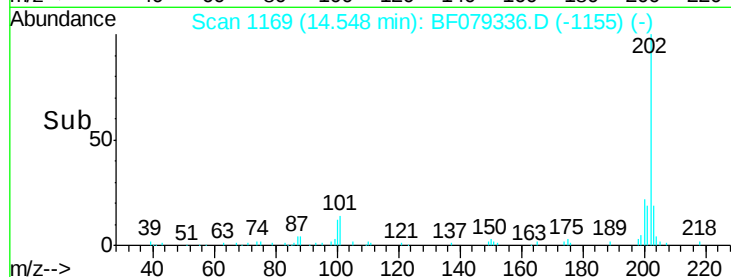
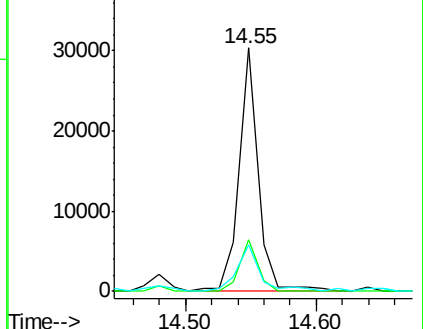
203 19.1 14.7 22.1



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: 68.73 ng

RT: 14.75 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

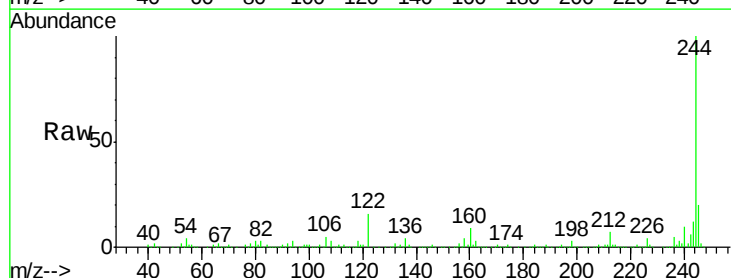
Tgt Ion:244 Resp: 579374

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

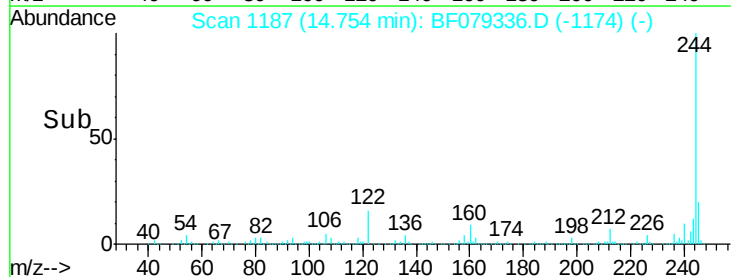
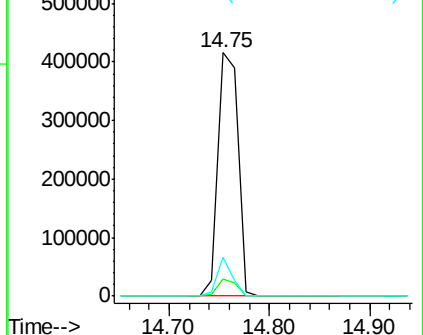
122 16.0 10.5 15.7#

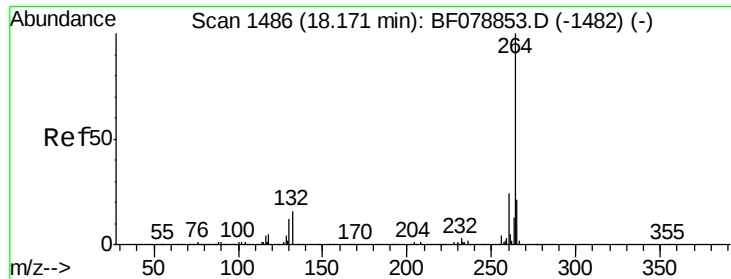


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

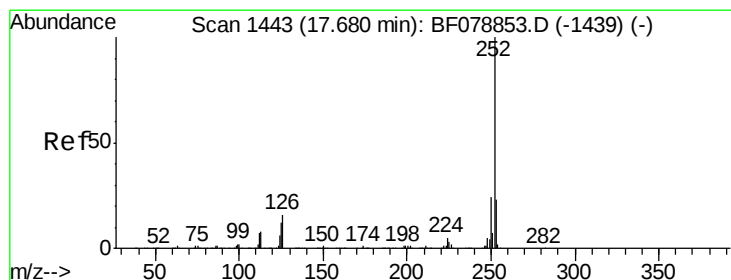
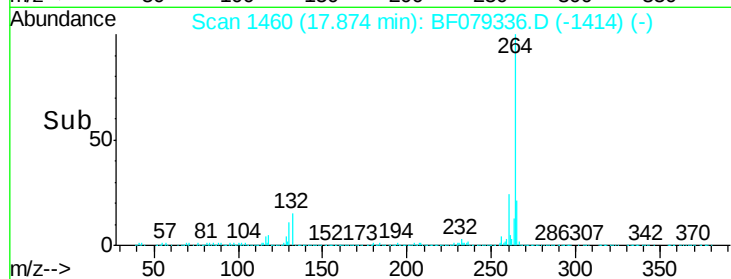
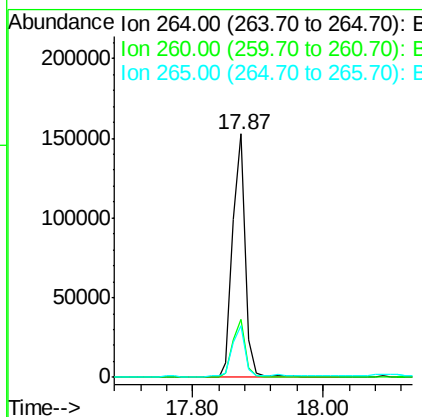
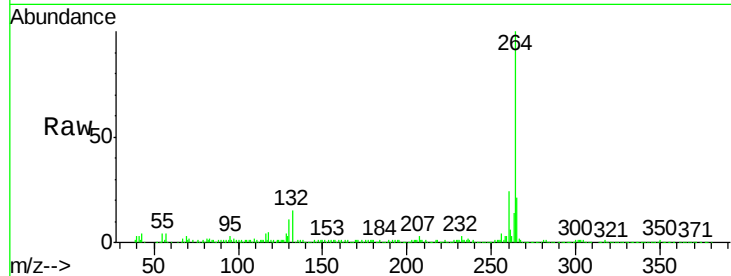




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1460
Delta R.T. 0.02 min
Lab File: BF079336.D
Acq: 19 May 2015 6:50

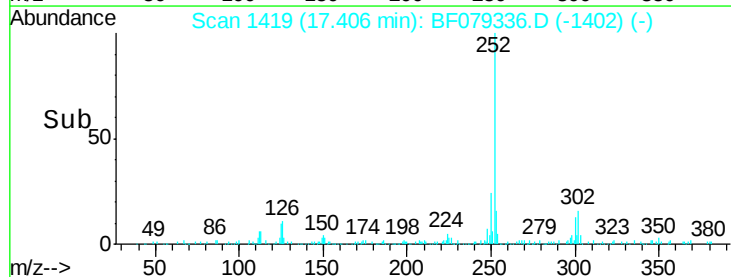
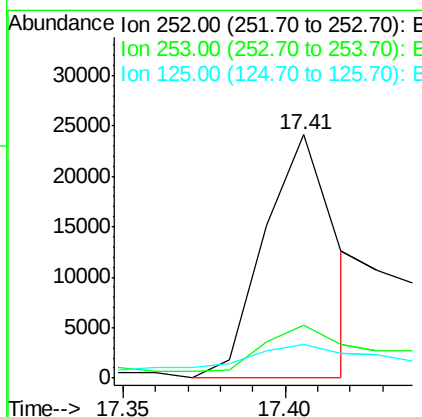
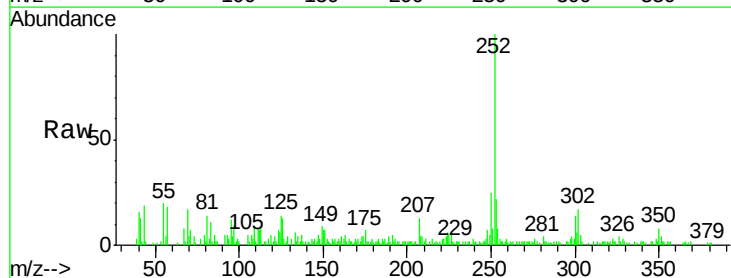
Instrument :
BNA_F
ClientSampleId :
SB-10

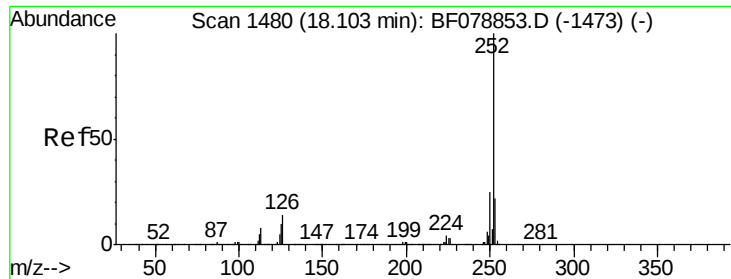
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 3.32 ng m
RT: 17.41 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF079336.D
Acq: 19 May 2015 6:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.7	9.4	14.2

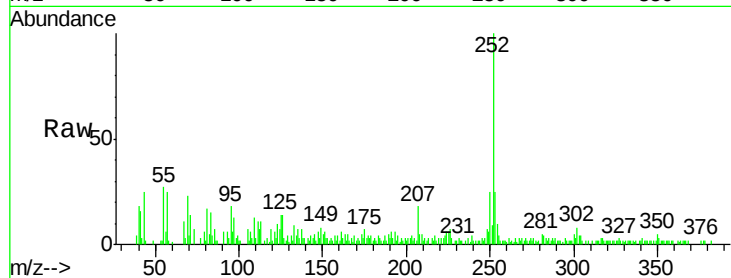




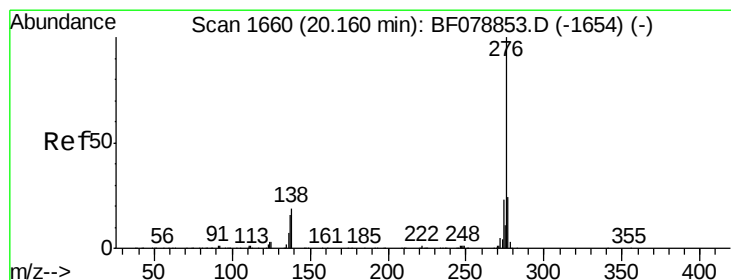
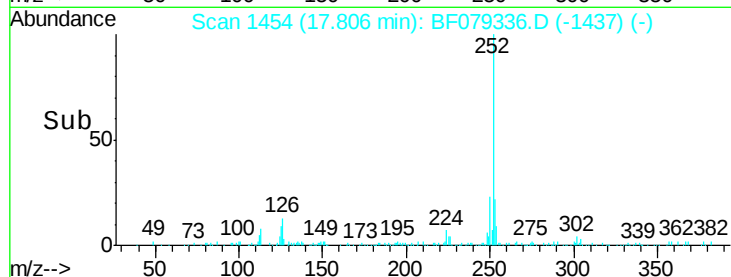
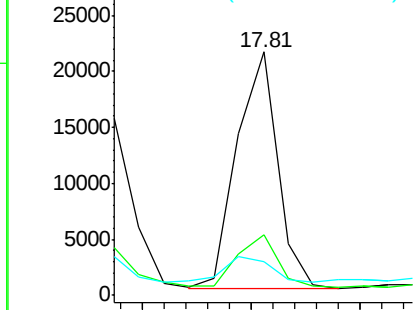
#89
Benzo(a)pyrene
Concen: 2.71 ng
RT: 17.81 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF079336.D
Acq: 19 May 2015 6:50

Instrument :
BNA_F
ClientSampleId :
SB-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	13.9	8.2	12.2#

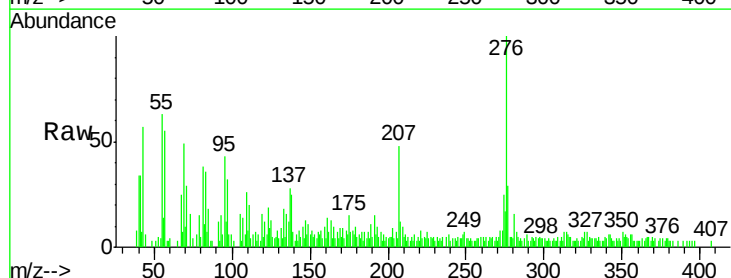


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.13 ng
RT: 19.70 min Scan# 1620
Delta R.T. 0.01 min
Lab File: BF079336.D
Acq: 19 May 2015 6:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.0	18.8	28.2#
138	25.5	15.2	22.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

