

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079145.D
 Acq On : 12 May 2015 7:07
 Operator : TP/IZ
 Sample : G2176-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(0-3)

Quant Time: May 12 08:05:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 06:55:06 2015
 Response via : Initial Calibration

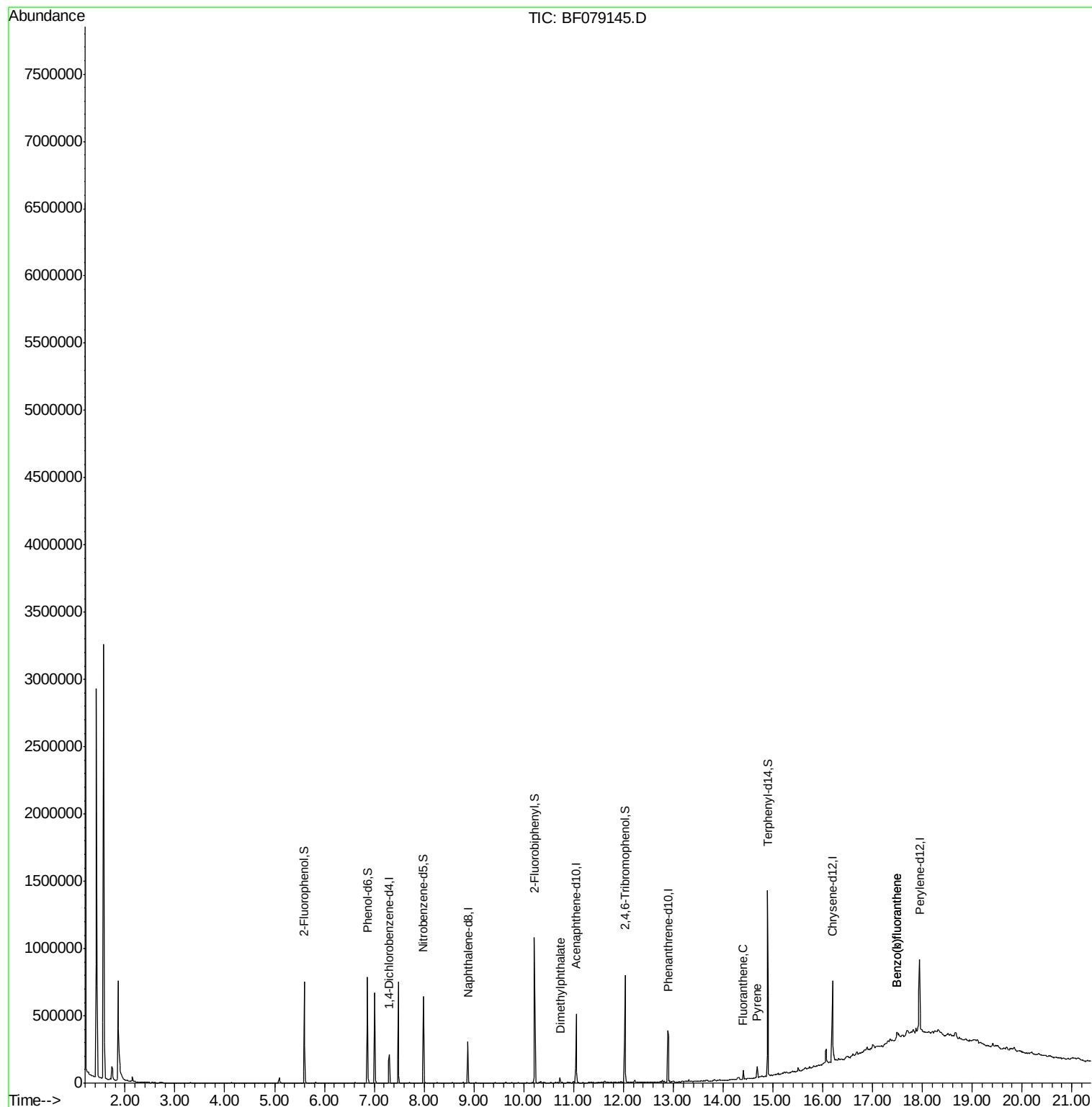
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	45550	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	198521	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	104604	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	208073	20.00	ng	0.01
75) Chrysene-d12	16.19	240	235196	20.00	ng	0.00
86) Perylene-d12	17.94	264	250185	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	236714	89.46	ng	0.00
7) Phenol-d6	6.87	99	342986	98.06	ng	0.01
23) Nitrobenzene-d5	7.99	82	189839	54.96	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	108001	95.44	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	398895	53.13	ng	0.00
78) Terphenyl-d14	14.89	244	516307	52.56	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.73	163	22977	2.99	ng	98
74) Fluoranthene	14.40	202	35383	2.92	ng	97
77) Pyrene	14.69	202	37197	2.74	ng	96
87) Benzo(b)fluoranthene	17.49	252	40528	2.96	ng	# 81
88) Benzo(k)fluoranthene	17.49	252	40184	3.03	ng	# 82

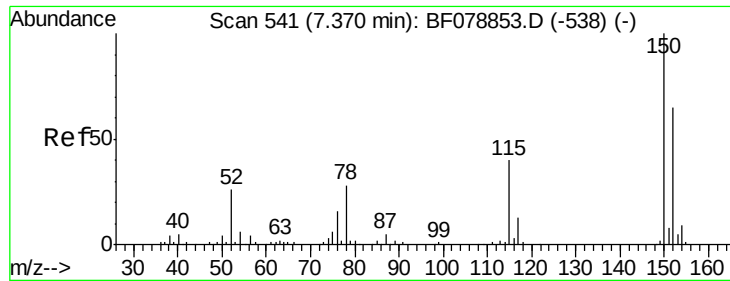
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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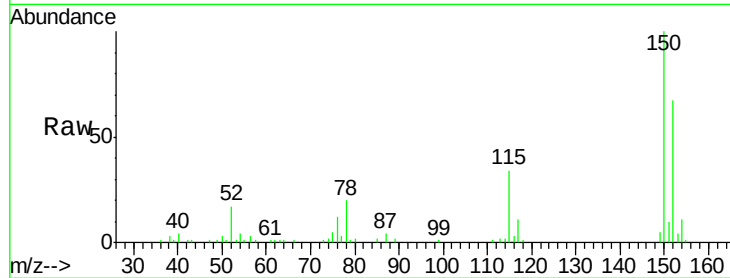


#1

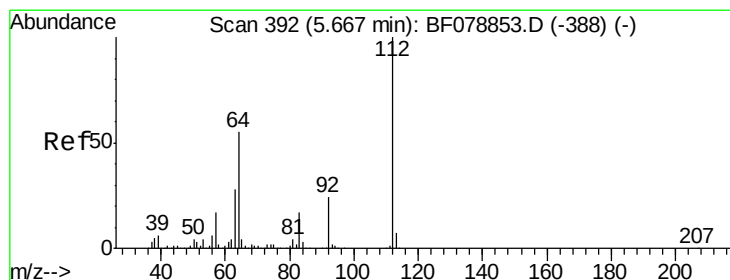
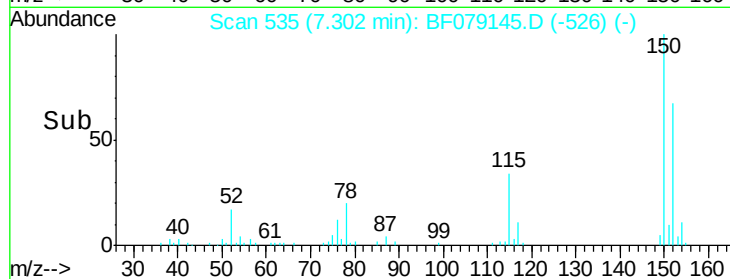
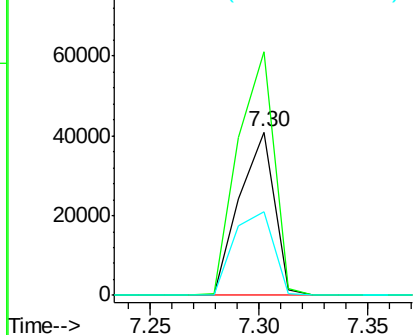
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.30 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(0-3)

Tgt Ion:152 Resp: 45550
 Ion Ratio Lower Upper
 152 100
 150 148.9 122.0 183.0
 115 51.2 46.3 69.5



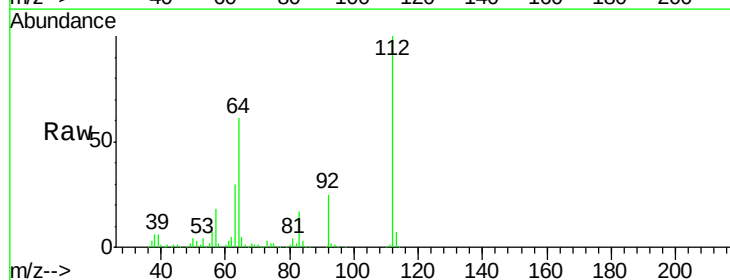
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



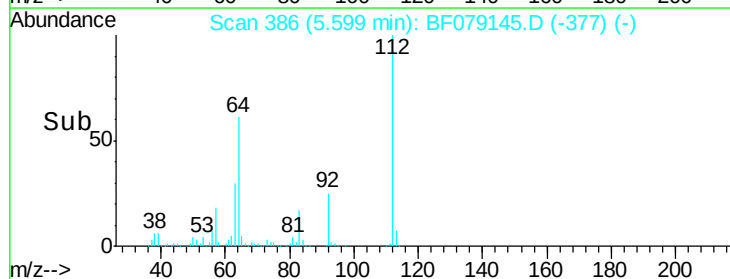
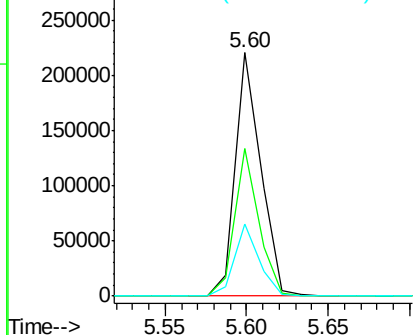
#5

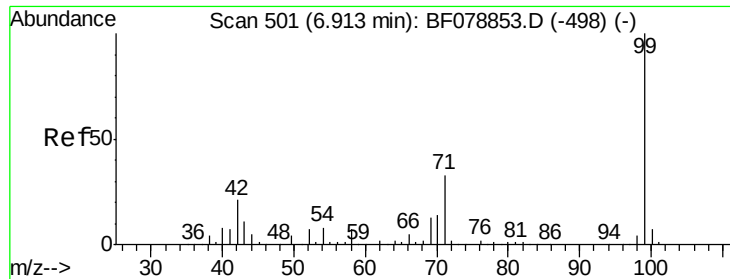
2-Fluorophenol
 Concen: 89.46 ng
 RT: 5.60 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Tgt Ion:112 Resp: 236714
 Ion Ratio Lower Upper
 112 100
 64 60.6 53.5 80.3
 63 29.9 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: 98.06 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079145.D

Acq: 12 May 2015 7:07

Instrument :

BNA_F

ClientSampleId :

PS-29(0-3)

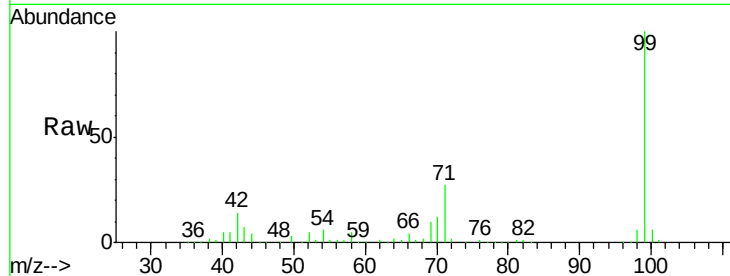
Tgt Ion: 99 Resp: 342986

Ion Ratio Lower Upper

99 100

42 14.3 12.8 19.2

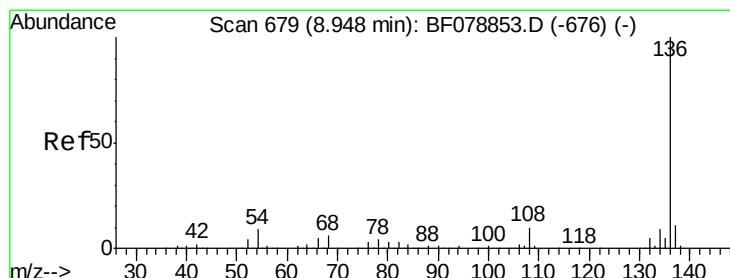
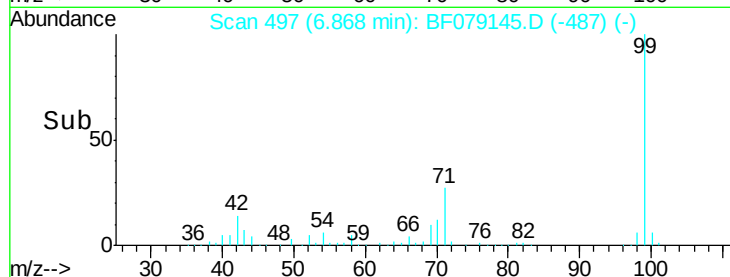
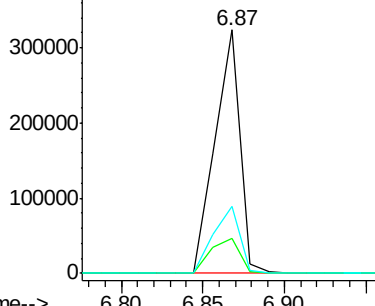
71 27.3 23.4 35.2



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: 8.88 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF079145.D

Acq: 12 May 2015 7:07

Tgt Ion: 136 Resp: 198521

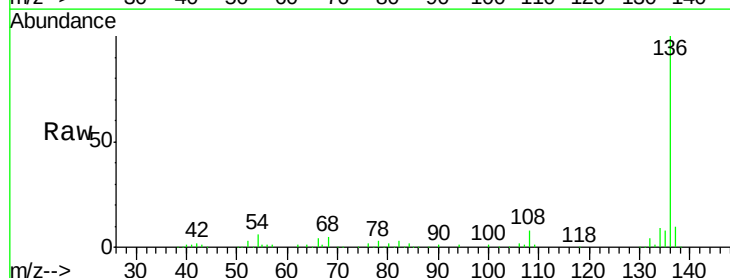
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 5.8 5.8 8.8#

68 4.7 4.2 6.4

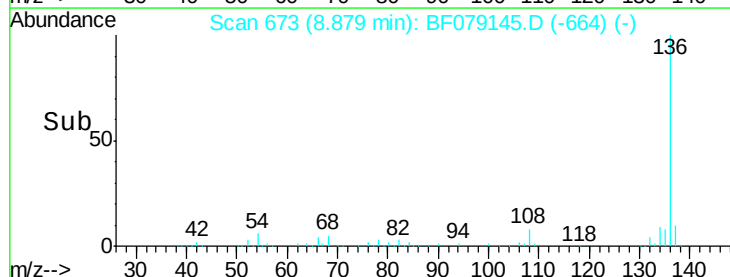
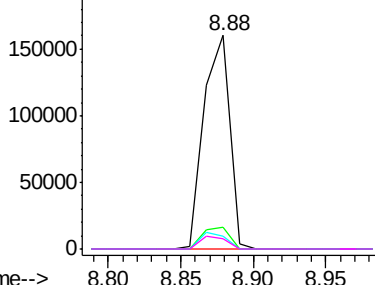


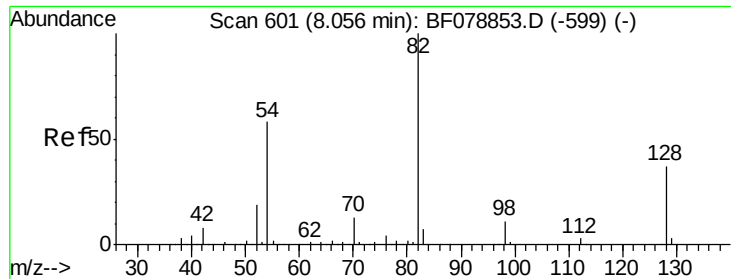
Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.96 ng

RT: 7.99 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF079145.D

Acq: 12 May 2015 7:07

Instrument :

BNA_F

ClientSampleId :

PS-29(0-3)

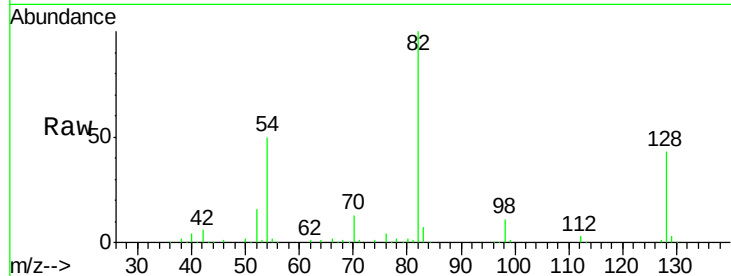
Tgt Ion: 82 Resp: 189839

Ion Ratio Lower Upper

82 100

128 42.6 30.0 45.0

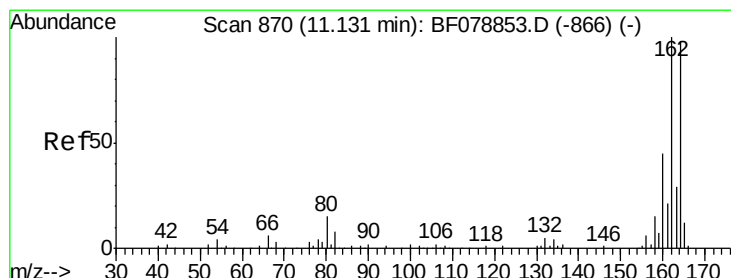
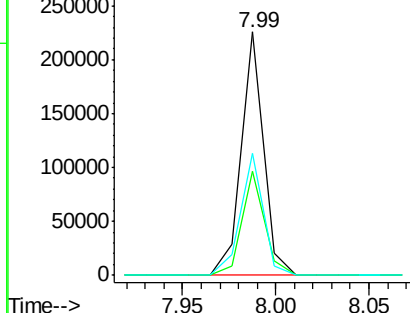
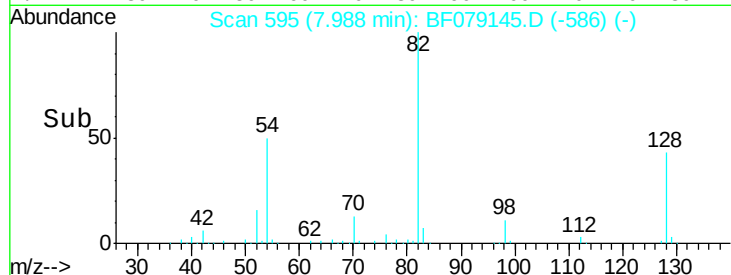
54 50.0 46.4 69.6



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) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF079145.D

Acq: 12 May 2015 7:07

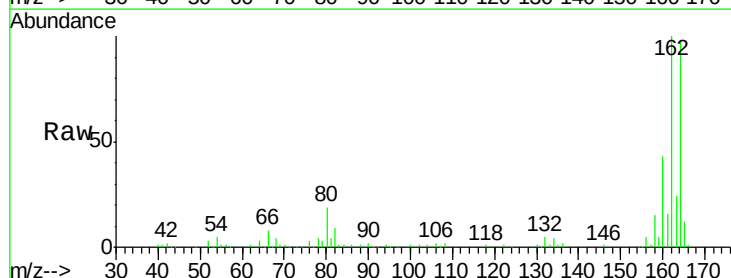
Tgt Ion: 164 Resp: 104604

Ion Ratio Lower Upper

164 100

162 101.7 82.7 124.1

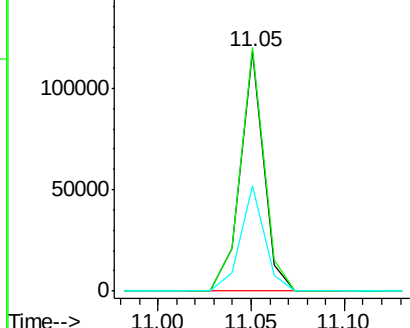
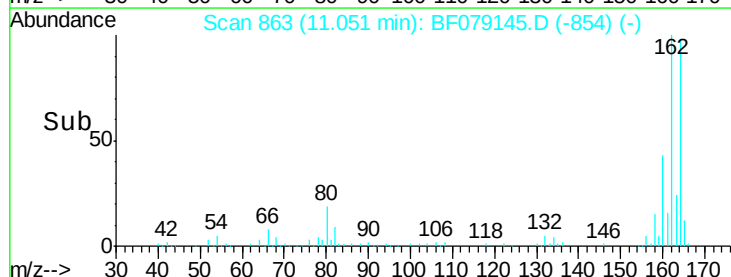
160 44.2 35.8 53.8

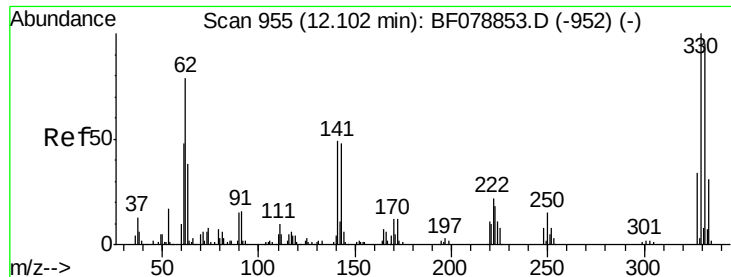


Abundance Ion 164.00 (163.70 to 164.70): BF078853.D (-866) (-)

Ion 162.00 (161.70 to 162.70): BF078853.D (-866) (-)

Ion 160.00 (159.70 to 160.70): BF078853.D (-866) (-)

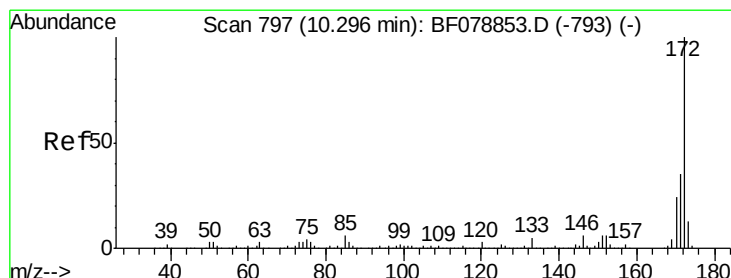
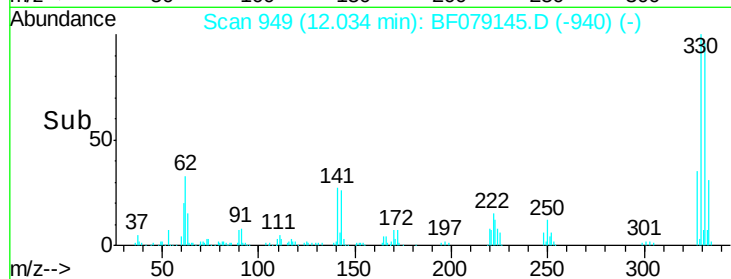
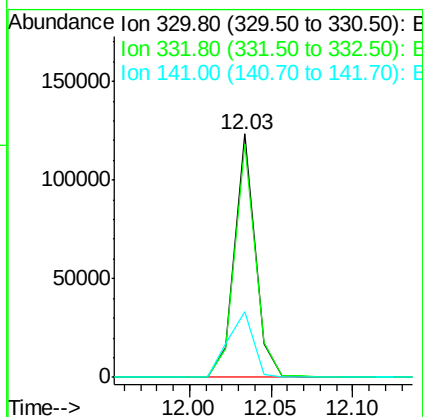
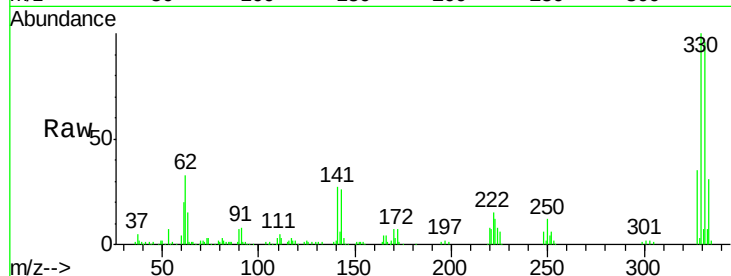




#41
 2,4,6-Tribromophenol
 Concen: 95.44 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

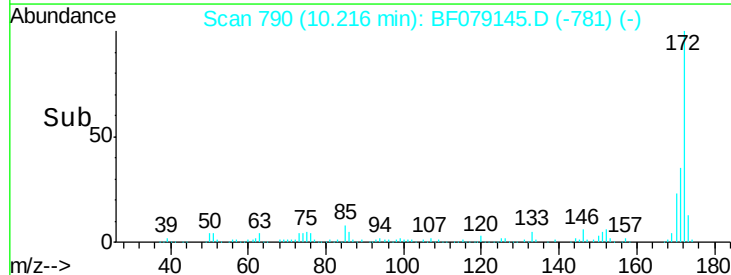
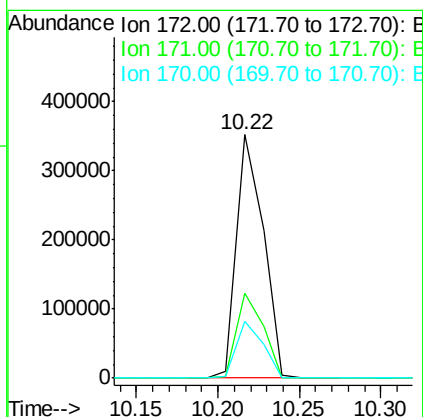
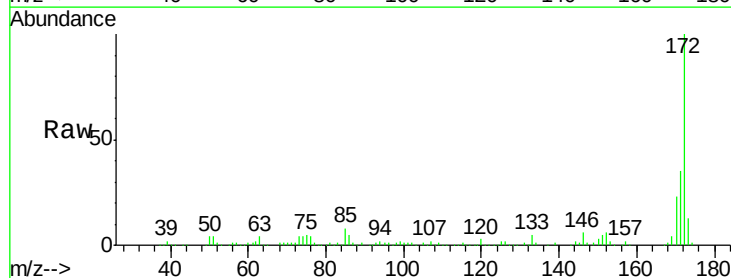
Instrument :
 BNA_F
 ClientSampleId :
 PS-29(0-3)

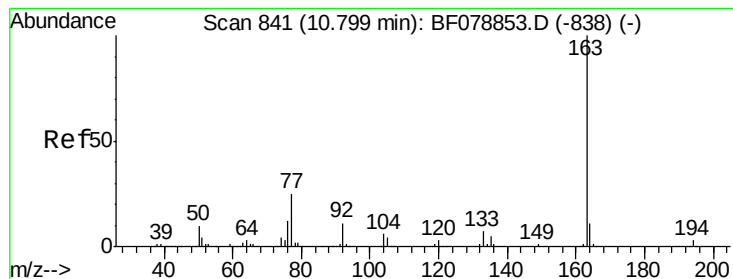
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	33.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 53.13 ng
 RT: 10.22 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.3	19.4	29.0





#49

Dimethylphthalate

Concen: 2.99 ng

RT: 10.73 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF079145.D

Acq: 12 May 2015 7:07

Instrument :

BNA_F

ClientSampleId :

PS-29(0-3)

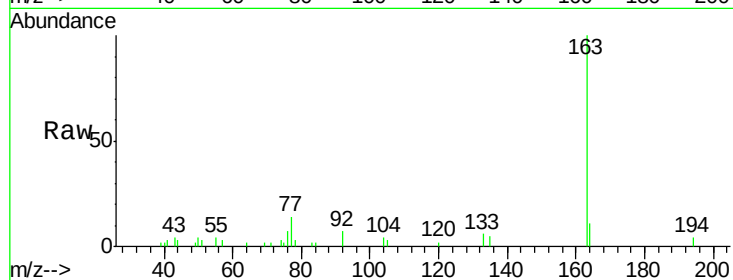
Tgt Ion:163 Resp: 22977

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

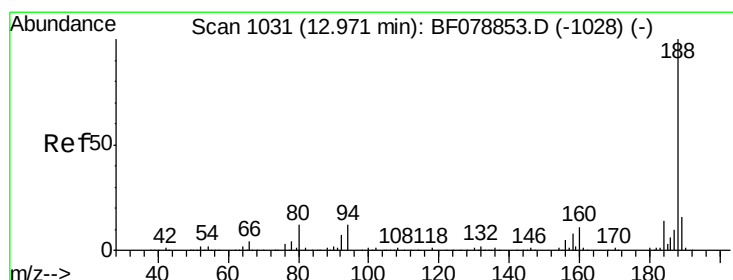
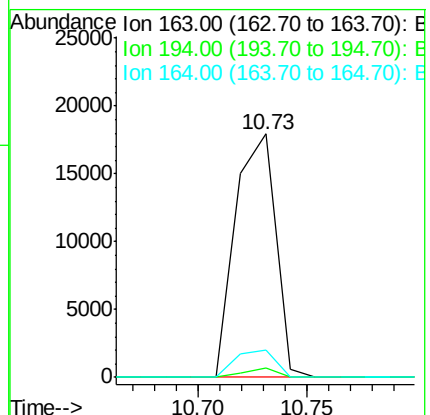
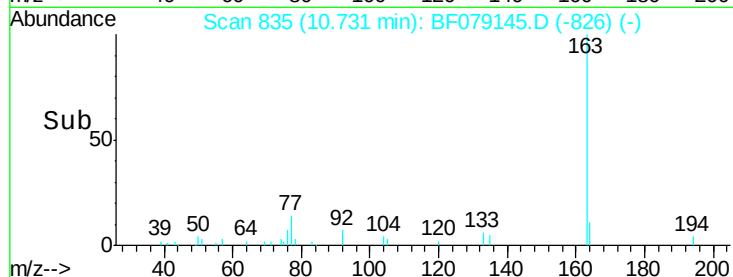
164 11.1 8.1 12.1



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: 12.90 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF079145.D

Acq: 12 May 2015 7:07

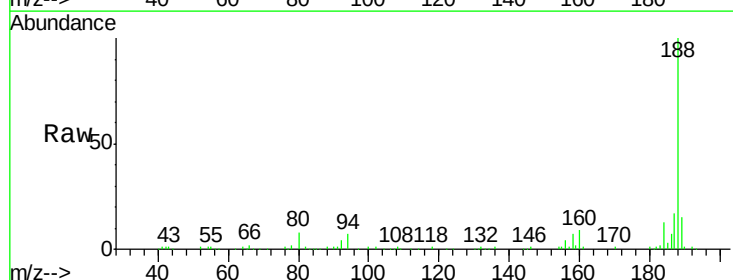
Tgt Ion:188 Resp: 208073

Ion Ratio Lower Upper

188 100

94 6.8 8.2 12.2#

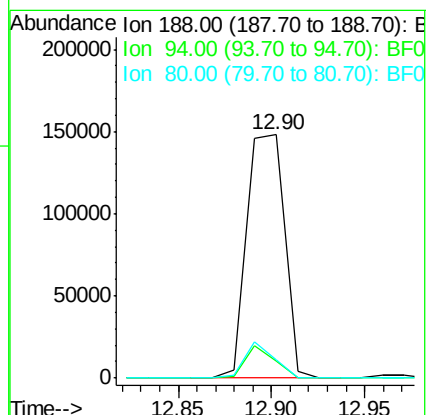
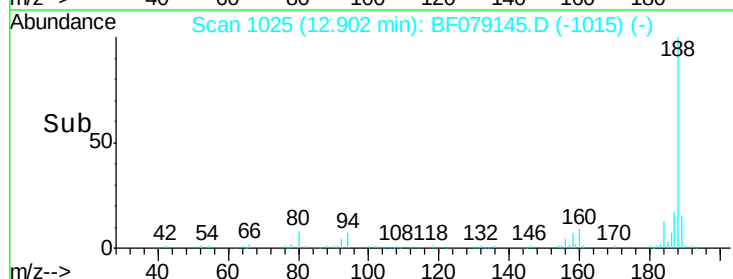
80 7.6 8.9 13.3#

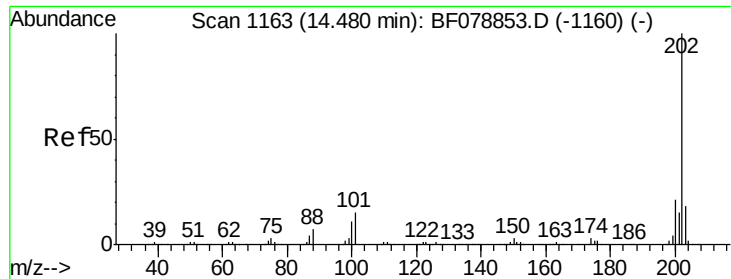


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

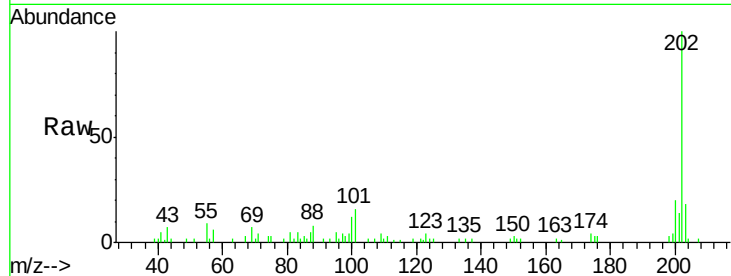




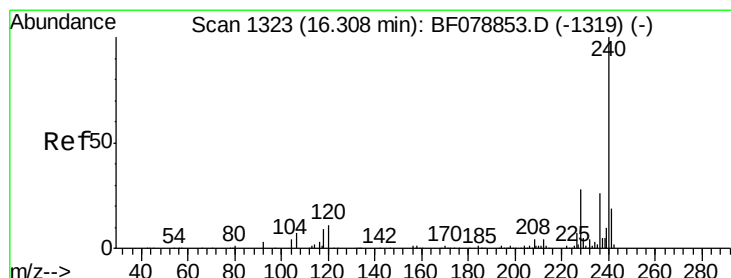
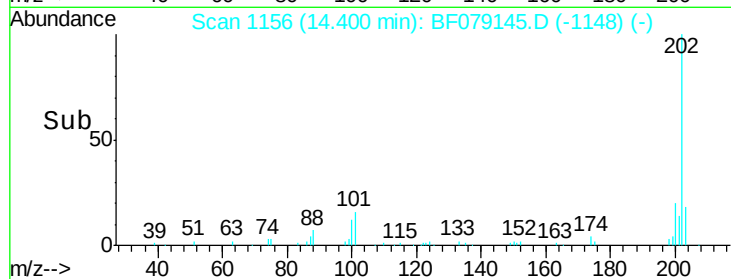
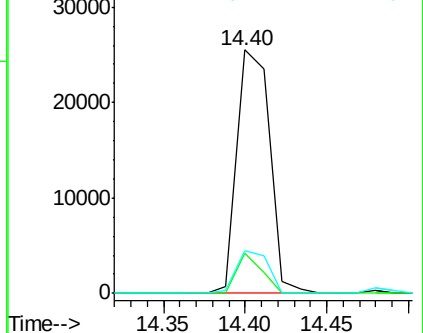
#74
 Fluoranthene
 Concen: 2.92 ng
 RT: 14.40 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Instrument :
 BNA_F
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 PS-29(0-3)

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	34.6
203	17.6	0.0	38.4

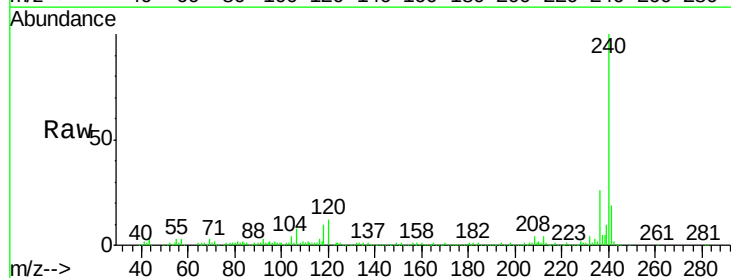


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

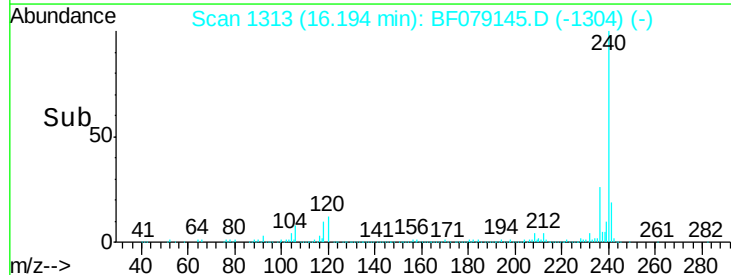
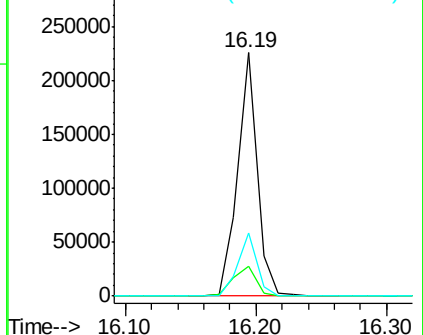


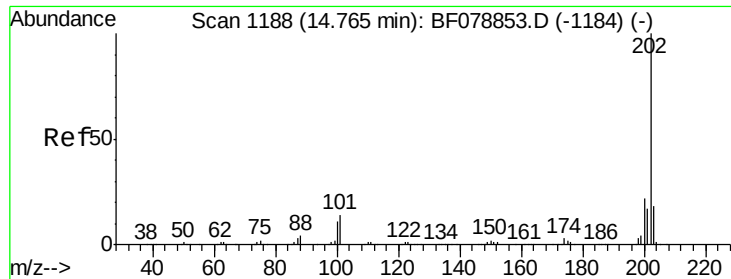
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.7	14.5
236	26.1	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

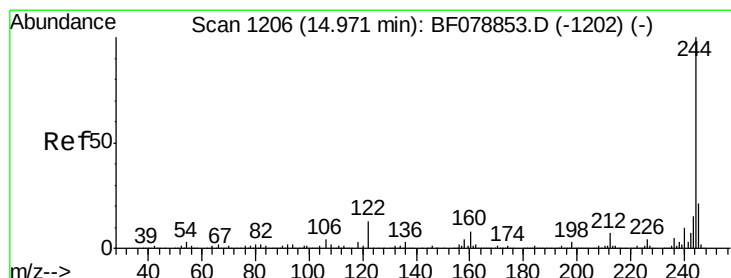
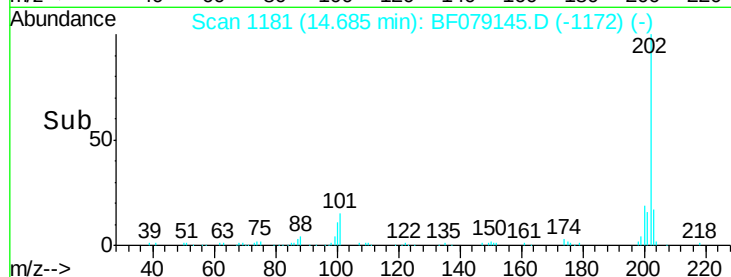
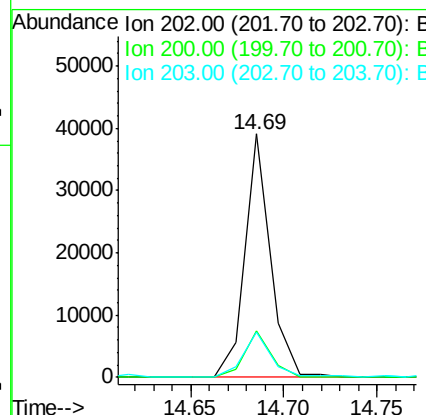
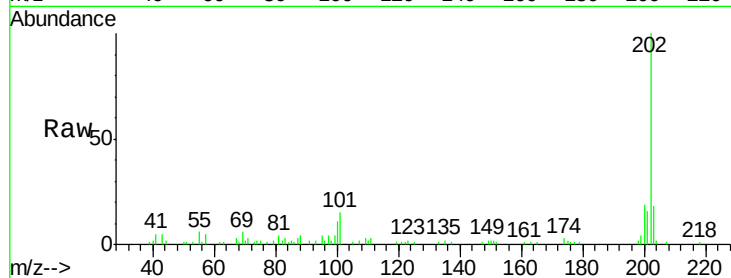




#77
 Pyrene
 Concen: 2.74 ng
 RT: 14.69 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

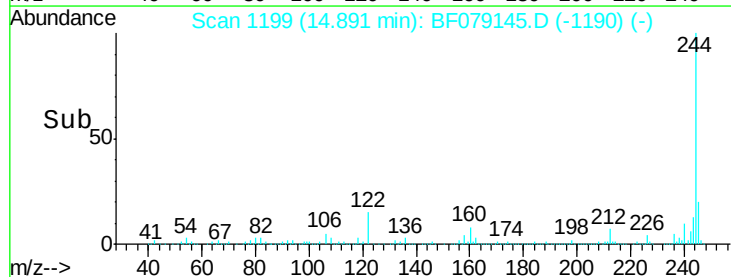
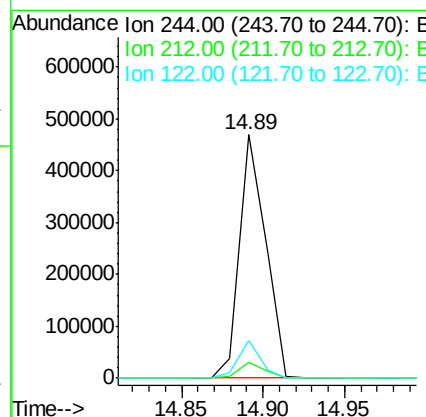
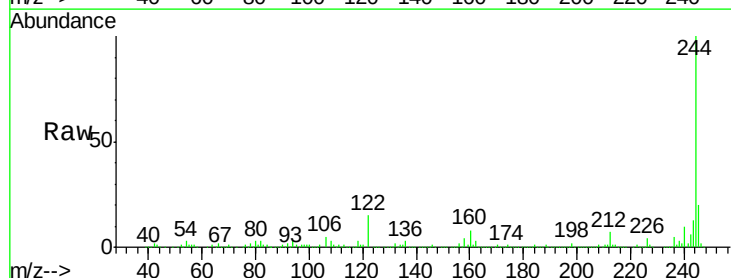
Instrument :
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 PS-29(0-3)

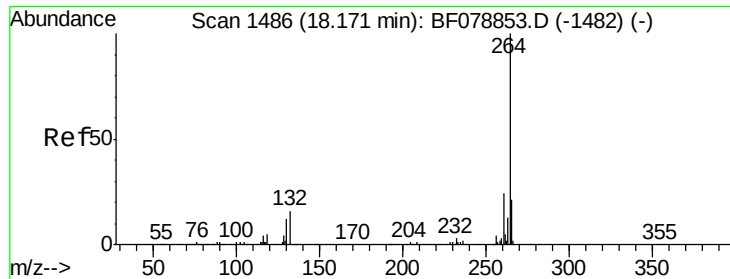
Tgt Ion: 202 Resp: 37197
 Ion Ratio Lower Upper
 202 100
 200 19.3 17.5 26.3
 203 18.5 13.9 20.9



#78
 Terphenyl-d14
 Concen: 52.56 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF079145.D
 Acq: 12 May 2015 7:07

Tgt Ion: 244 Resp: 516307
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 15.2 10.3 15.5

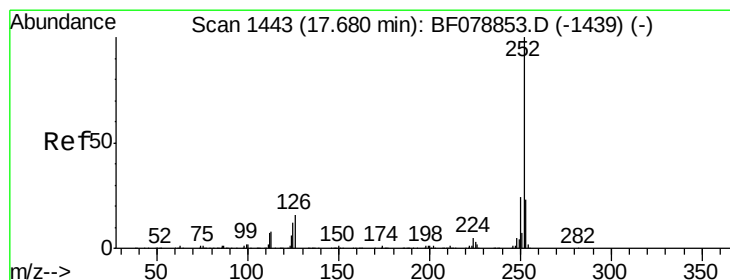
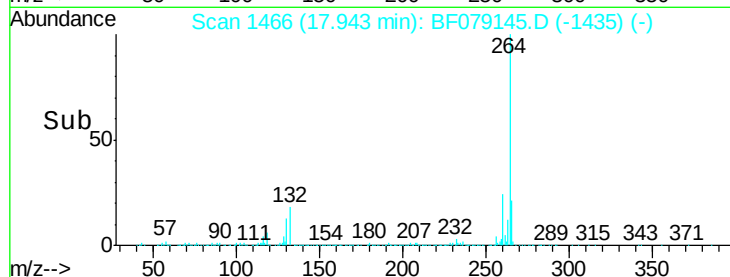
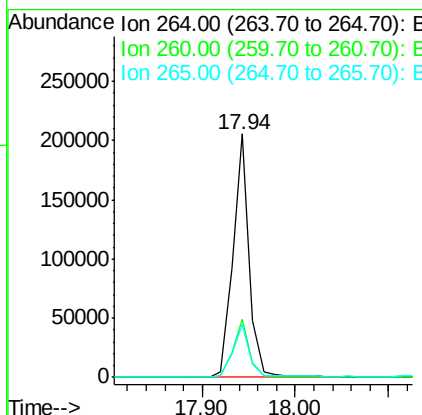
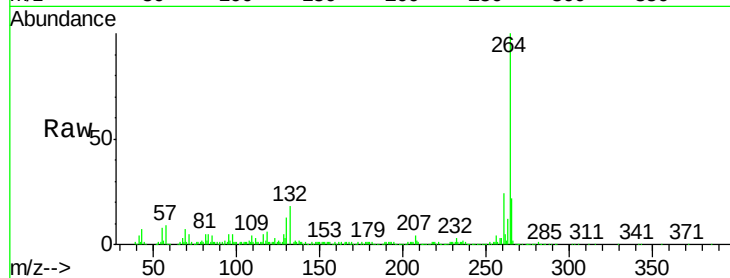




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.94 min Scan# 1466
Delta R.T. 0.06 min
Lab File: BF079145.D
Acq: 12 May 2015 7:07

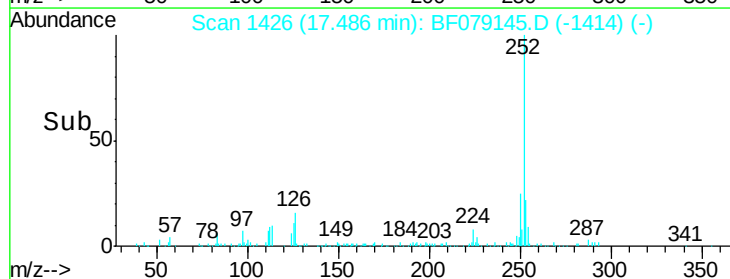
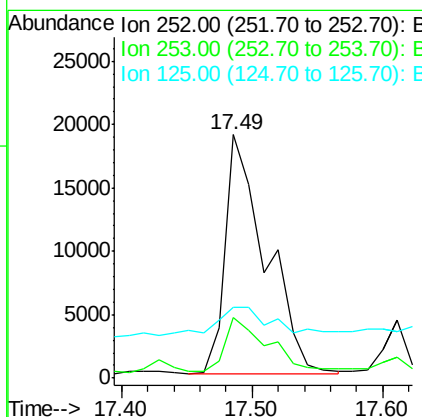
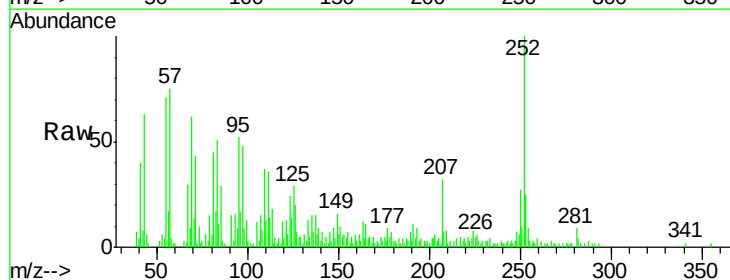
Instrument :
BNA_F
ClientSampleId :
PS-29(0-3)

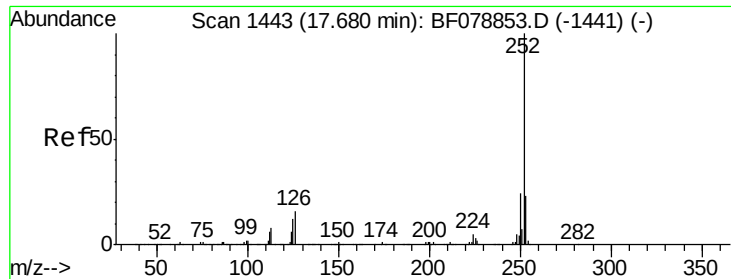
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.7	18.3	27.5



#87
Benzo(b)fluoranthene
Concen: 2.96 ng
RT: 17.49 min Scan# 1426
Delta R.T. 0.03 min
Lab File: BF079145.D
Acq: 12 May 2015 7:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	28.8	9.5	14.3#





#88

Benzo(k)fluoranthene

Concen: 3.03 ng

RT: 17.49 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF079145.D

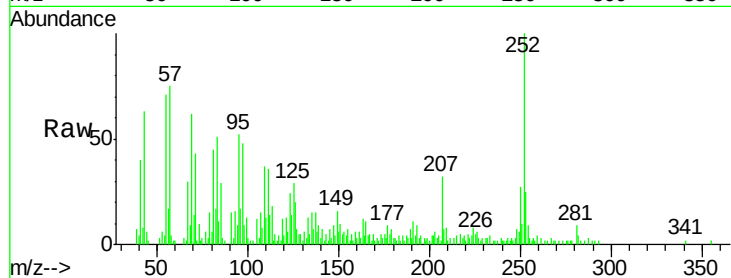
Acq: 12 May 2015 7:07

Instrument :

BNA_F

ClientSampleId :

PS-29(0-3)



Tgt Ion:	252	Resp:	40184
Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	28.8	10.0	15.0

