

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075600.D
 Acq On : 17 Nov 2014 00:53
 Operator : TP / JJ
 Sample : F4755-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B1-SS2(2-3)

Quant Time: Nov 17 06:10:00 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

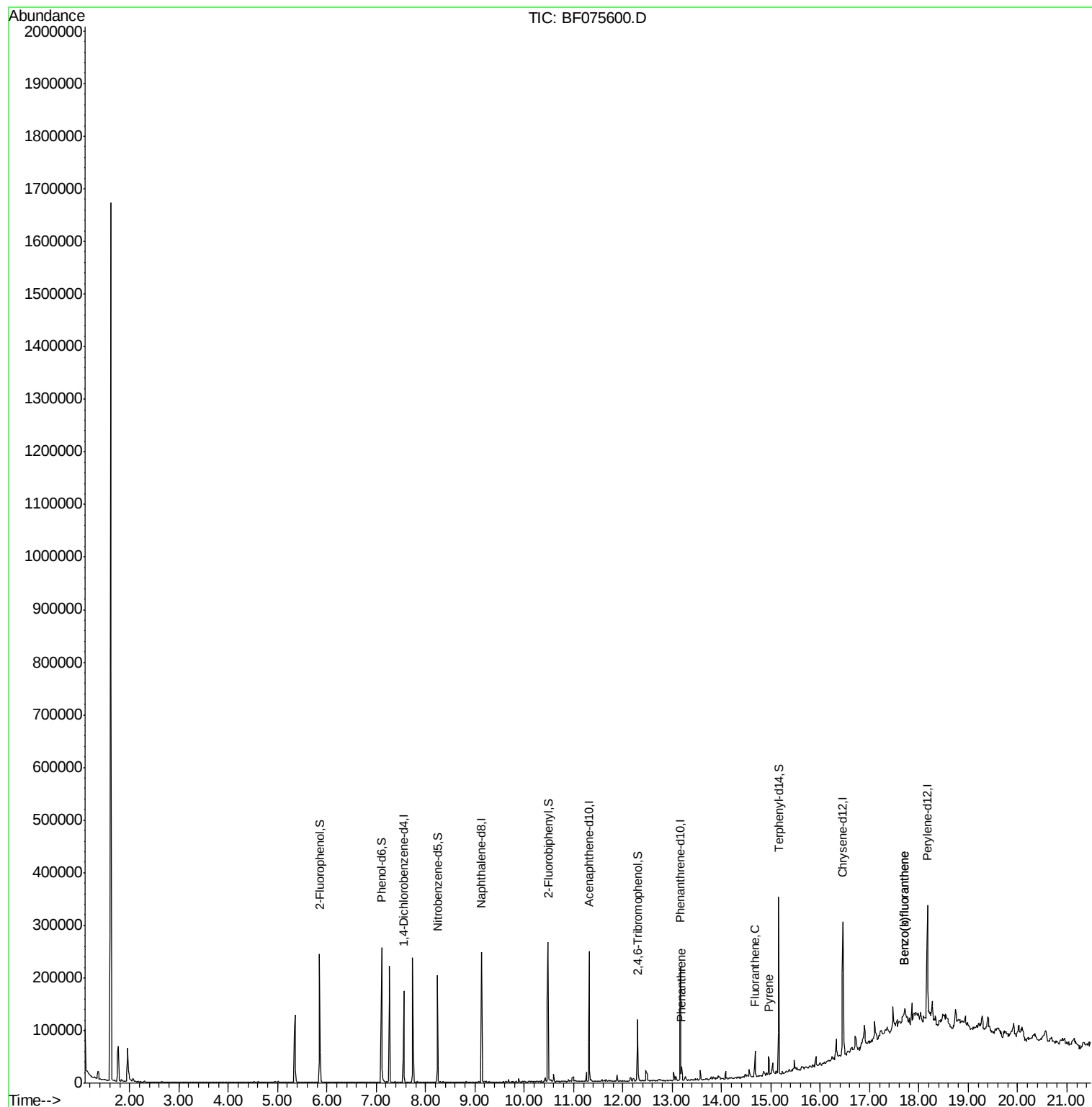
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	26180	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	111757	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	58217	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	101084	20.00	ng	0.00
75) Chrysene-d12	16.46	240	106916	20.00	ng	-0.01
86) Perylene-d12	18.17	264	104596	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	68870	46.47	ng	0.00
7) Phenol-d6	7.11	99	94979	53.30	ng	0.00
23) Nitrobenzene-d5	8.24	82	58982	38.69	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	17233	35.34	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	110482	34.29	ng	0.00
78) Terphenyl-d14	15.16	244	110293	27.77	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	13.19	178	12130	2.28	ng	98
74) Fluoranthene	14.68	202	23831	4.18	ng	94
77) Pyrene	14.95	202	20709	3.33	ng	93
87) Benzo(b)fluoranthene	17.71	252	14293	2.56	ng	# 77
88) Benzo(k)fluoranthene	17.71	252	14793	2.95	ng	# 77

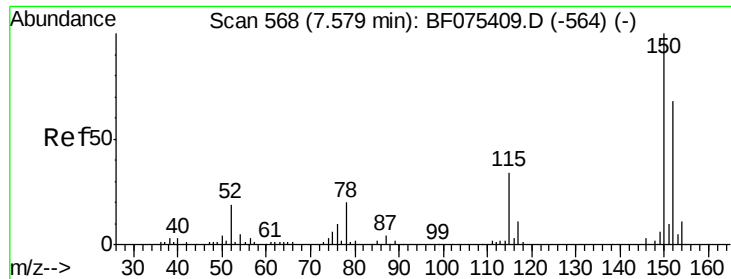
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 27 Sample Multiplier: 1

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BNA_F
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HUDPARK-B1-SS2(2-3)

Quant Time: Nov 17 06:10:00 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 05:54:27 2014
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075600.D

Acq: 17 Nov 2014 00:53

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B1-SS2(2-3)

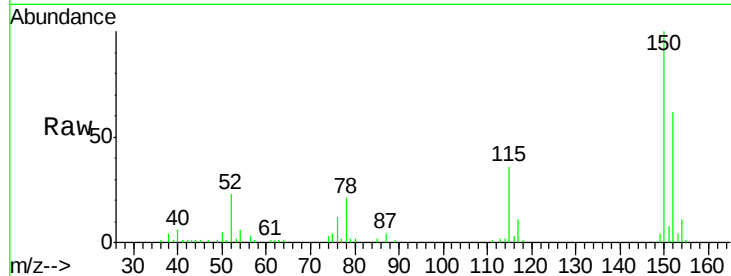
Tgt Ion:152 Resp: 26180

Ion Ratio Lower Upper

152 100

150 162.3 127.2 190.8

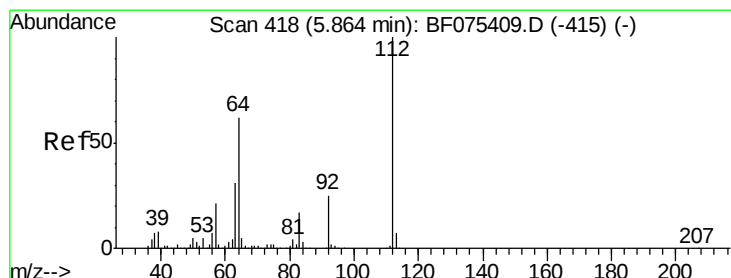
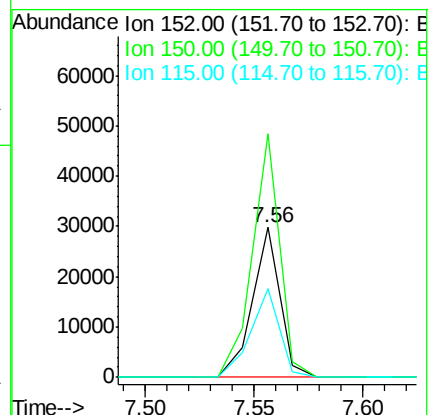
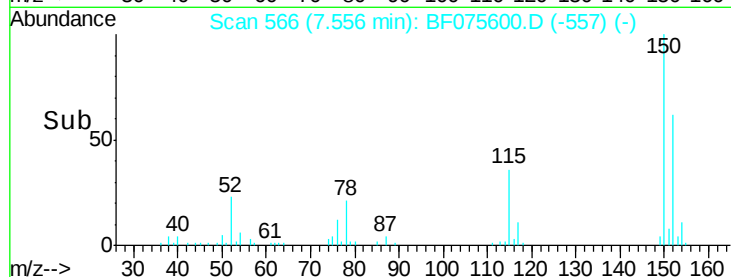
115 58.9 57.1 85.7



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: 46.47 ng

RT: 5.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF075600.D

Acq: 17 Nov 2014 00:53

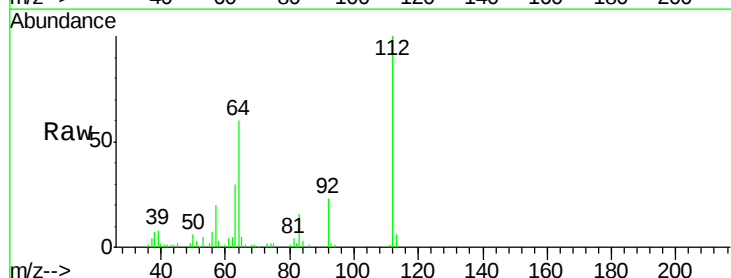
Tgt Ion:112 Resp: 68870

Ion Ratio Lower Upper

112 100

64 60.1 45.8 68.6

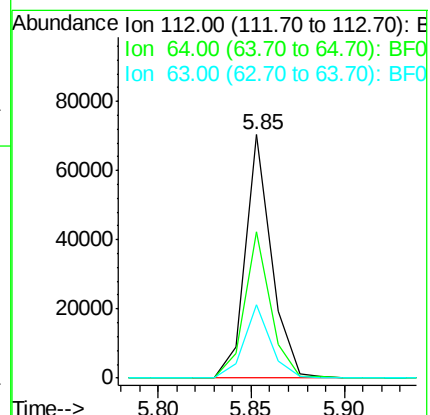
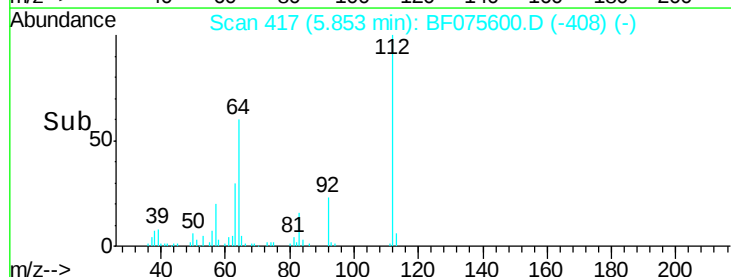
63 30.1 22.7 34.1

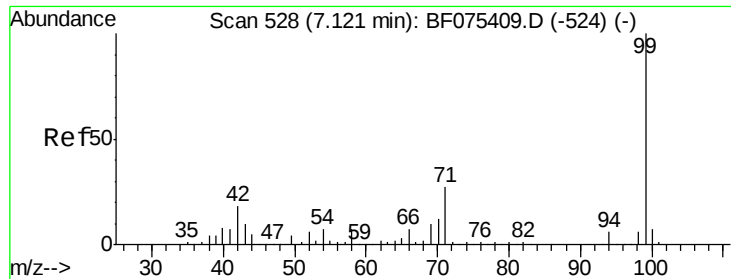


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.30 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075600.D

Acq: 17 Nov 2014 00:53

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B1-SS2(2-3)

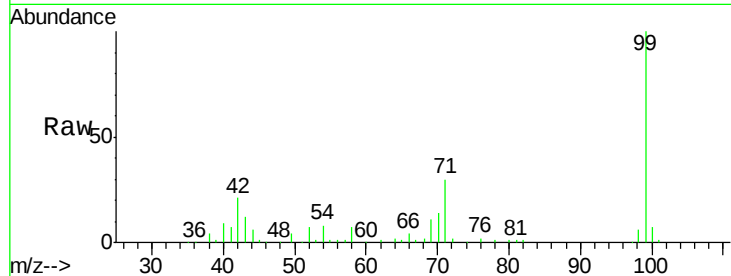
Tgt Ion: 99 Resp: 94979

Ion Ratio Lower Upper

99 100

42 21.4 19.8 29.6

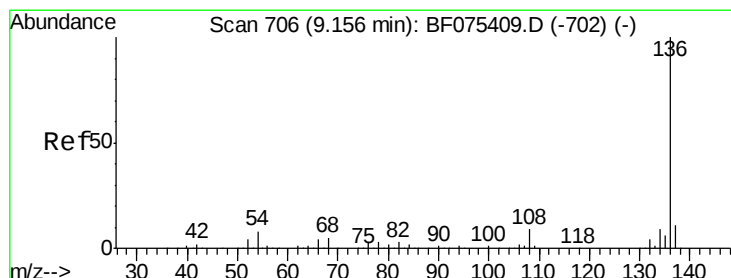
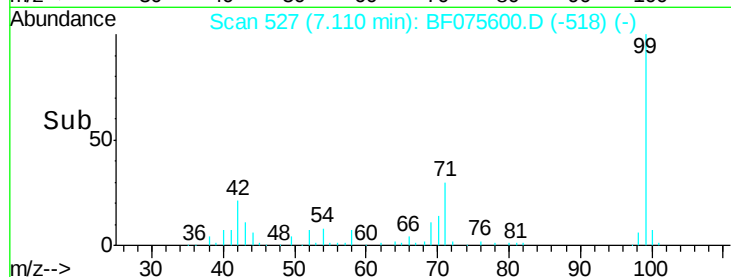
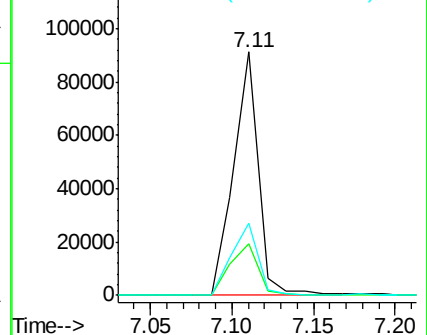
71 29.8 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075600.D

Acq: 17 Nov 2014 00:53

Tgt Ion: 136 Resp: 111757

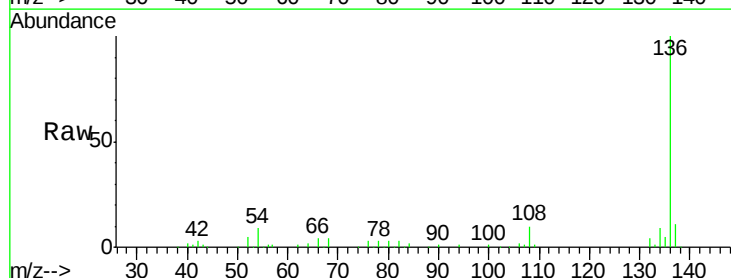
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 8.6 6.2 9.4

68 4.1 3.4 5.2

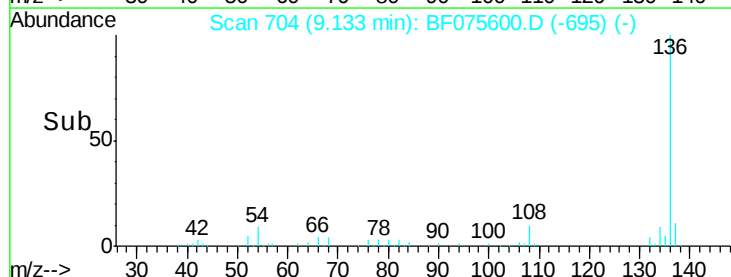
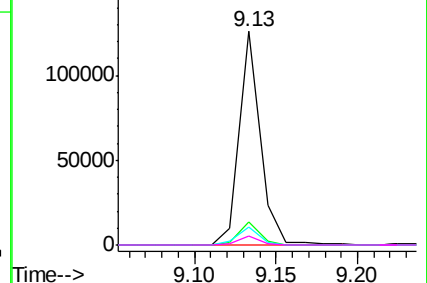


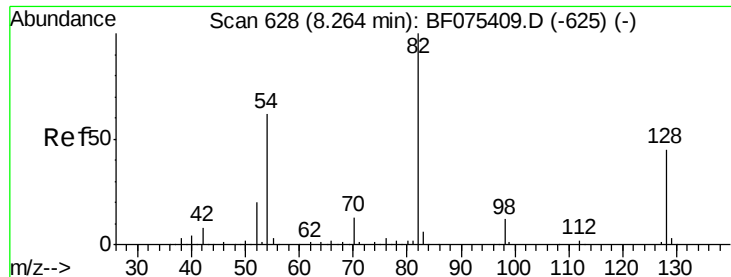
Abundance Ion 136.00 (135.70 to 136.70): E

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

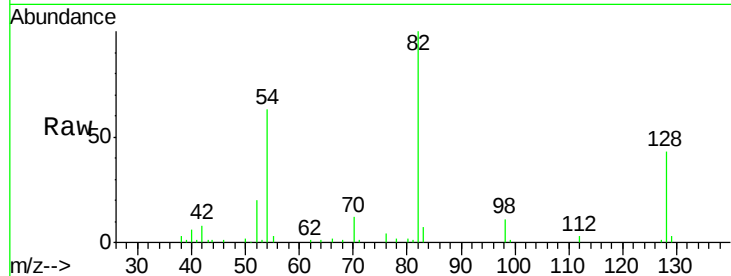




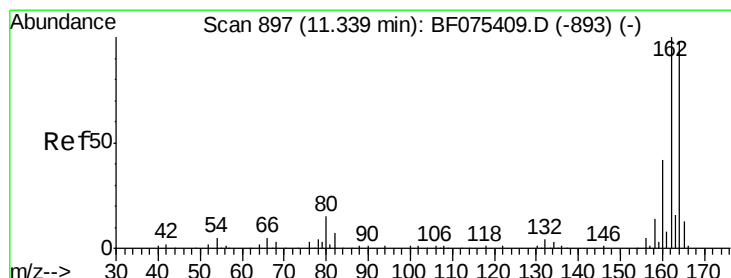
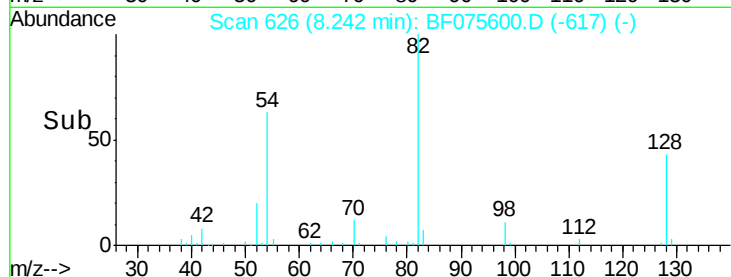
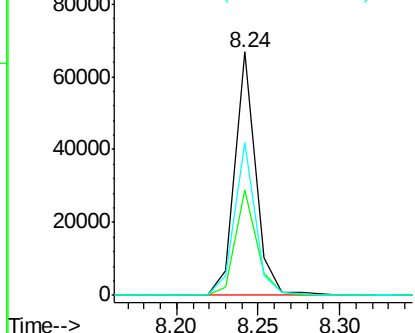
#23
 Nitrobenzene-d5
 Concen: 38.69 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075600.D
 Acq: 17 Nov 2014 00:53

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B1-SS2(2-3)

Tgt Ion: 82 Resp: 58982
 Ion Ratio Lower Upper
 82 100
 128 43.5 37.8 56.6
 54 63.0 49.8 74.8

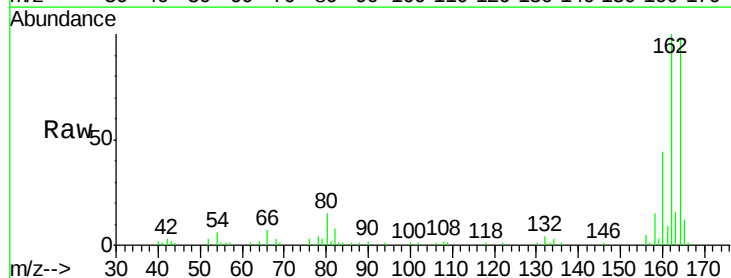


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

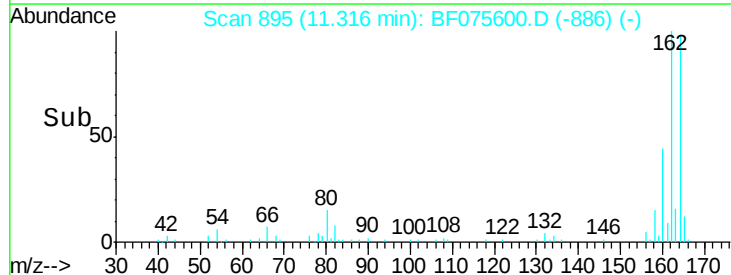
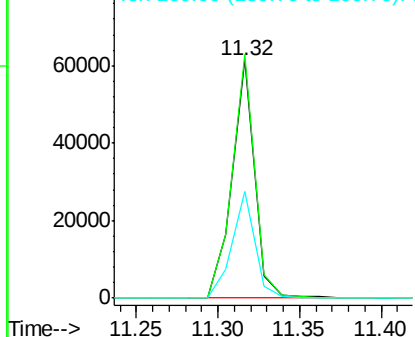


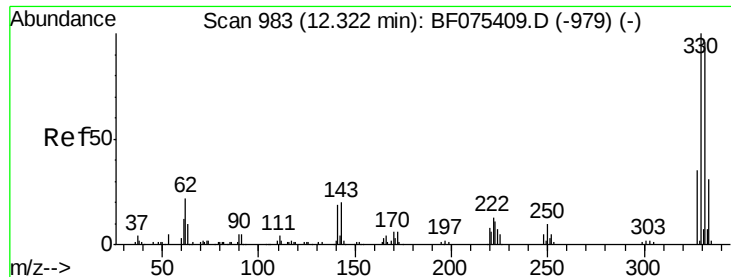
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF075600.D
 Acq: 17 Nov 2014 00:53

Tgt Ion: 164 Resp: 58217
 Ion Ratio Lower Upper
 164 100
 162 102.3 79.1 118.7
 160 44.6 34.6 51.8



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

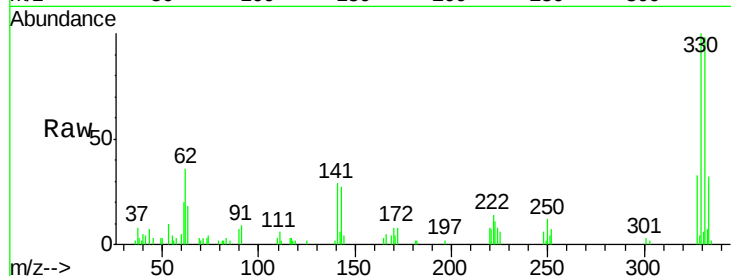




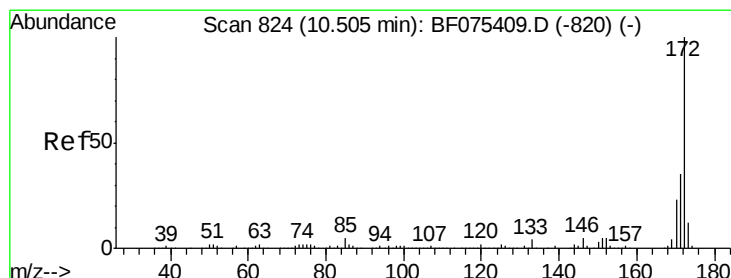
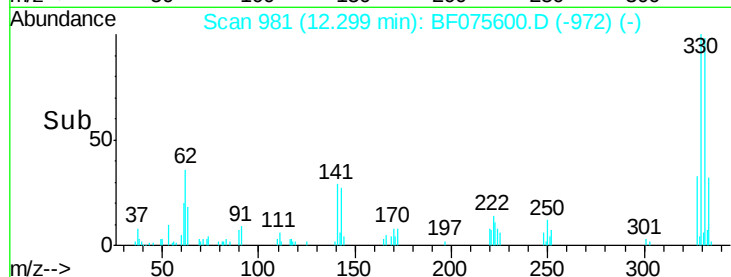
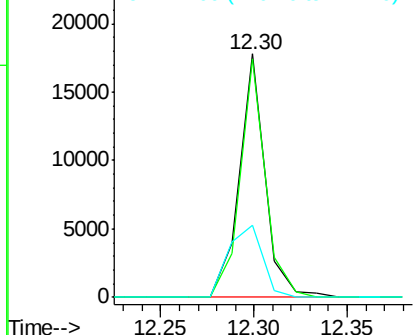
#41
 2,4,6-Tribromophenol
 Concen: 35.34 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075600.D
 Acq: 17 Nov 2014 00:53

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B1-SS2(2-3)

Tgt Ion:330 Resp: 17233
 Ion Ratio Lower Upper
 330 100
 332 95.3 74.5 111.7
 141 38.8 30.7 46.1

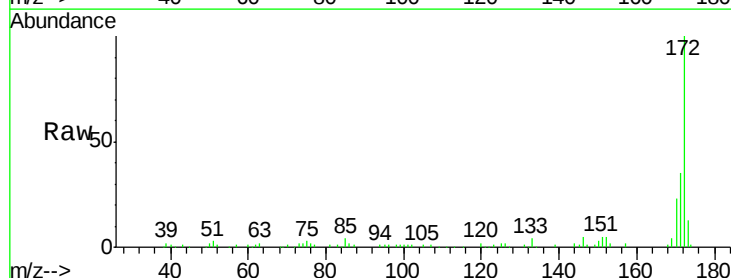


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

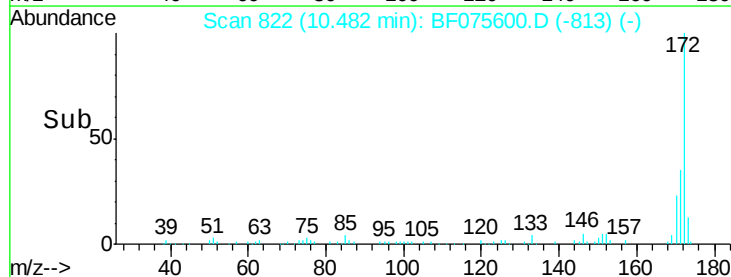
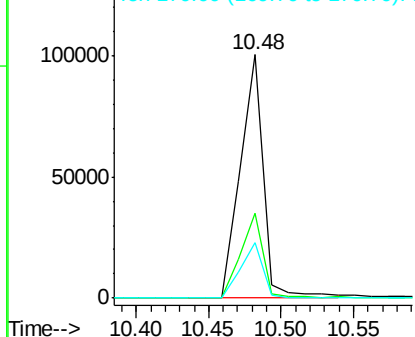


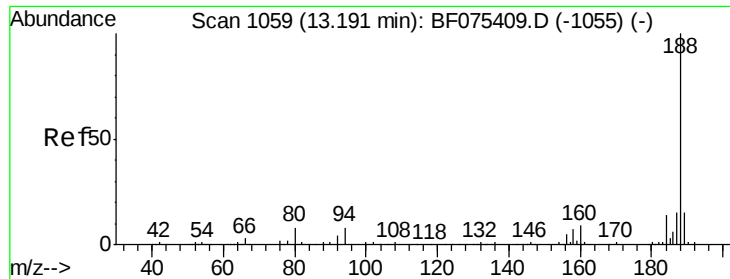
#44
 2-Fluorobiphenyl
 Concen: 34.29 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075600.D
 Acq: 17 Nov 2014 00:53

Tgt Ion:172 Resp: 110482
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.3 40.9
 170 23.0 18.4 27.6



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

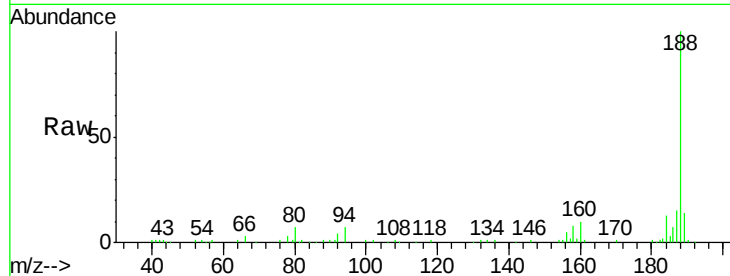




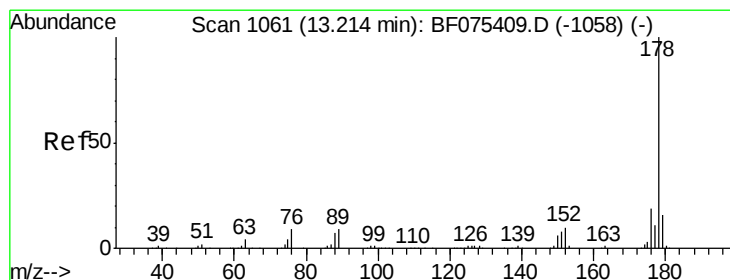
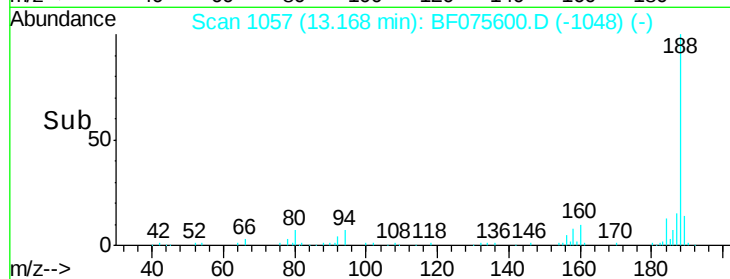
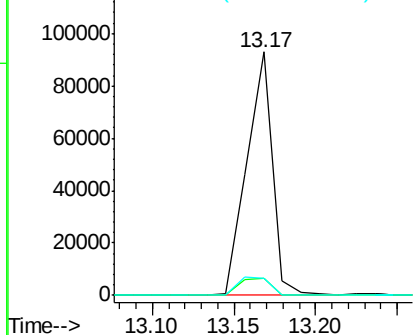
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075600.D
Acq: 17 Nov 2014 00:53

Instrument :
BNA_F
ClientSampleId :
HUDPARK-B1-SS2(2-3)

Tgt Ion:188 Resp: 101084
Ion Ratio Lower Upper
188 100
94 7.1 7.8 11.6#
80 7.1 8.0 12.0#

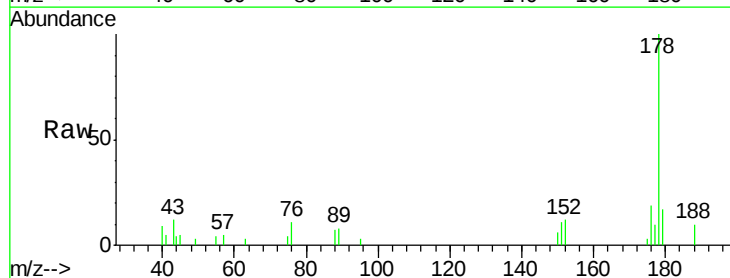


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

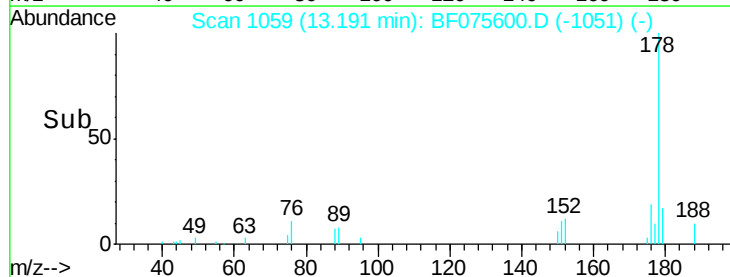
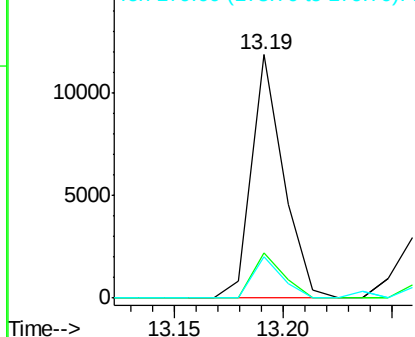


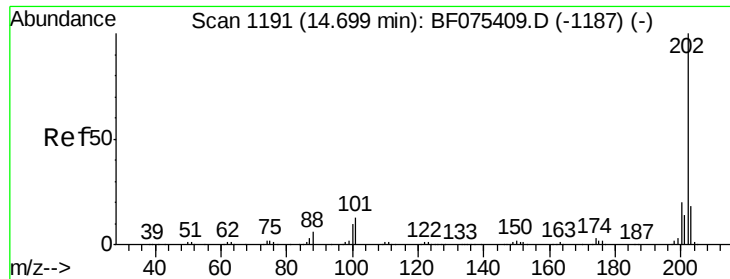
#70
Phenanthrene
Concen: 2.28 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF075600.D
Acq: 17 Nov 2014 00:53

Tgt Ion:178 Resp: 12130
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 16.8 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

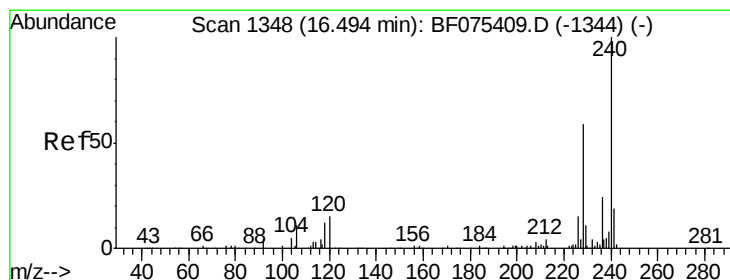
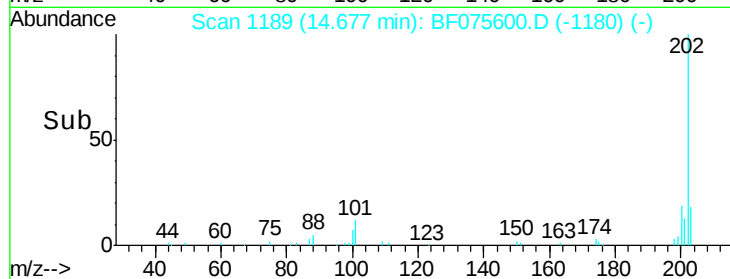
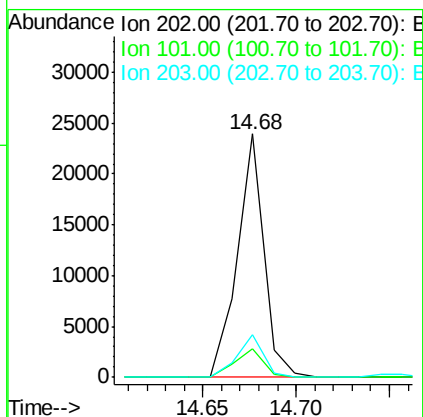
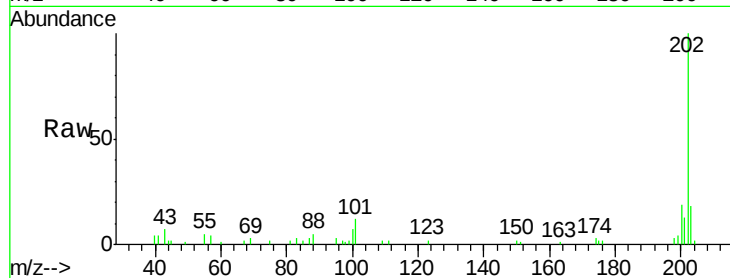




#74
Fluoranthene
Concen: 4.18 ng
RT: 14.68 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF075600.D
Acq: 17 Nov 2014 00:53

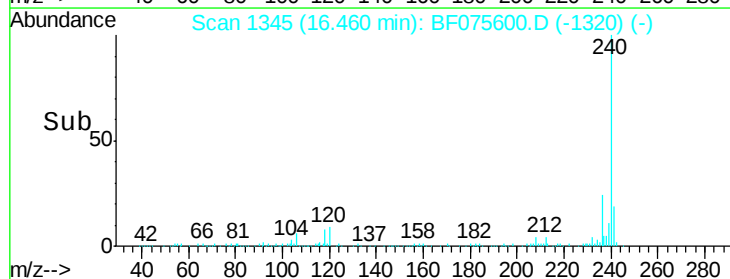
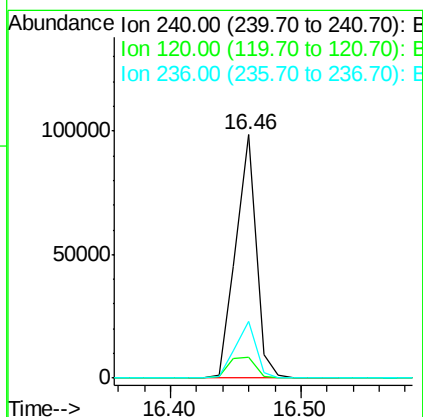
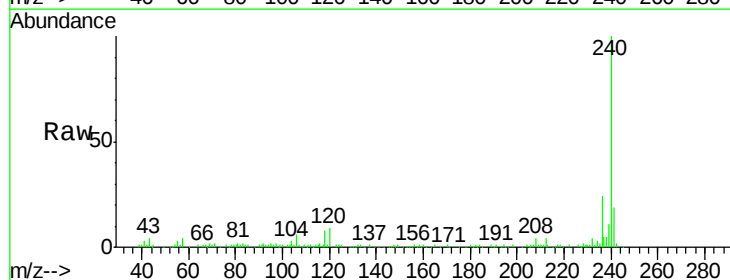
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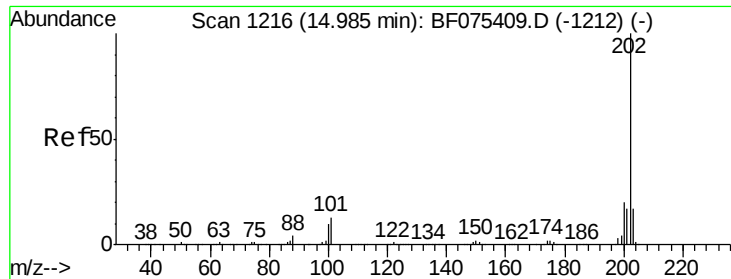
Tgt Ion: 202 Resp: 23831
Ion Ratio Lower Upper
202 100
101 11.8 0.0 36.6
203 17.7 0.0 38.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF075600.D
Acq: 17 Nov 2014 00:53

Tgt Ion: 240 Resp: 106916
Ion Ratio Lower Upper
240 100
120 8.6 9.6 14.4#
236 23.5 18.9 28.3

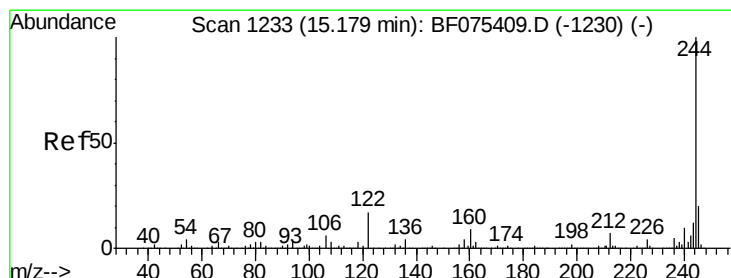
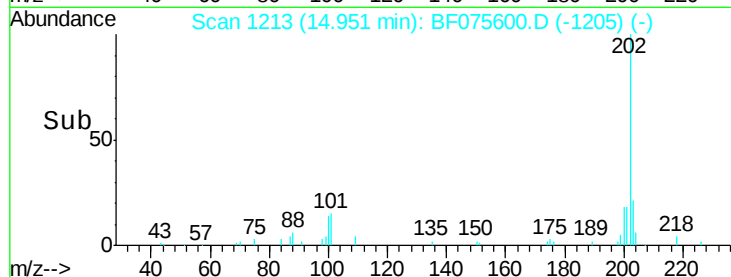
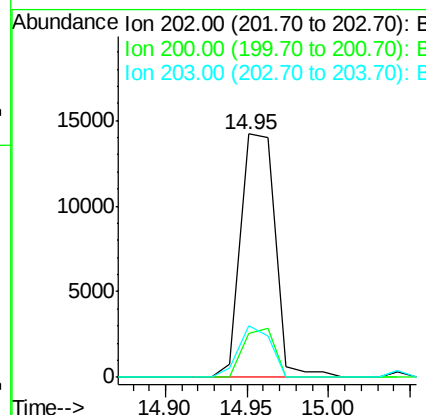
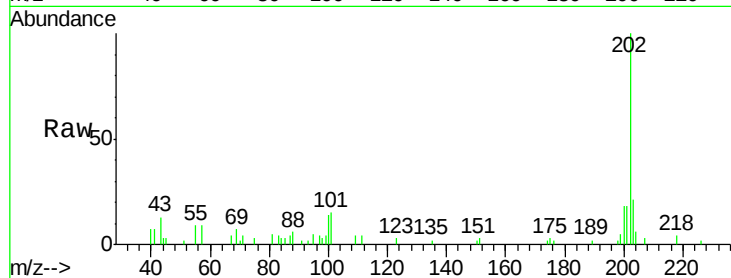




#77
 Pyrene
 Concen: 3.33 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF075600.D
 Acq: 17 Nov 2014 00:53

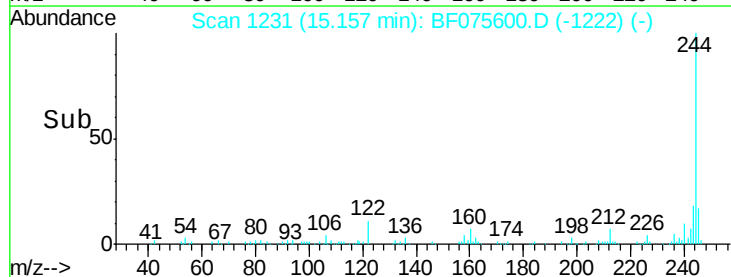
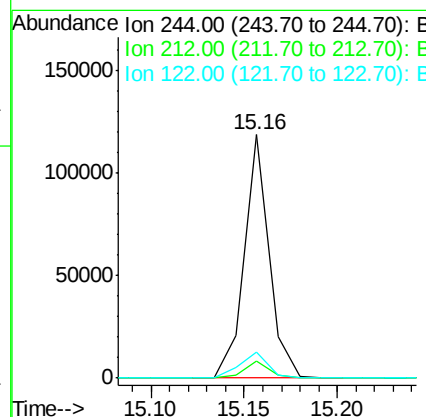
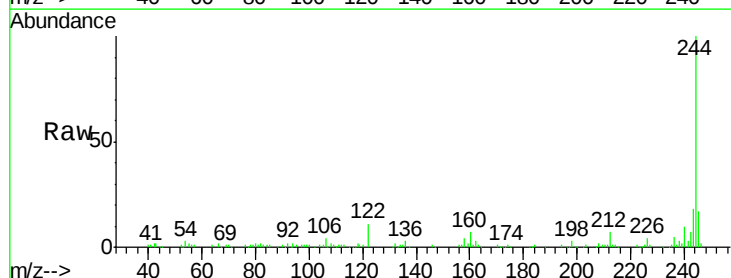
Instrument :
 BNA_F
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 HUDPARK-B1-SS2(2-3)

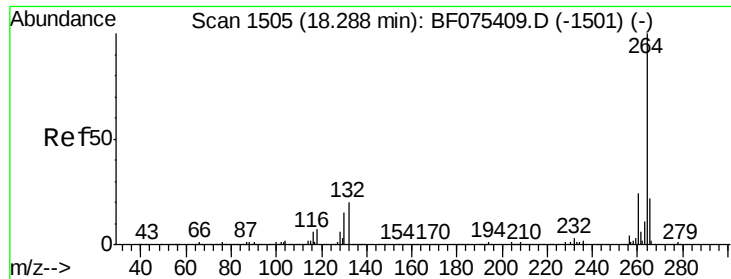
Tgt Ion: 202 Resp: 20709
 Ion Ratio Lower Upper
 202 100
 200 18.2 16.8 25.2
 203 21.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 27.77 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075600.D
 Acq: 17 Nov 2014 00:53

Tgt Ion: 244 Resp: 110293
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.9 9.7 14.5

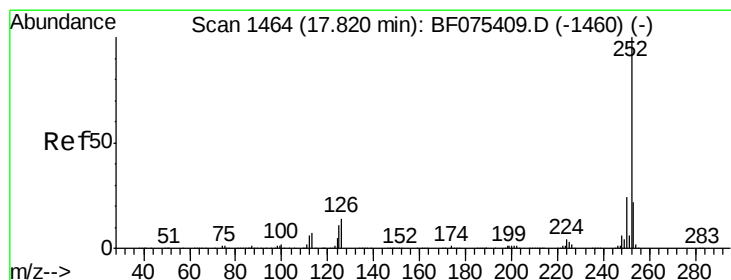
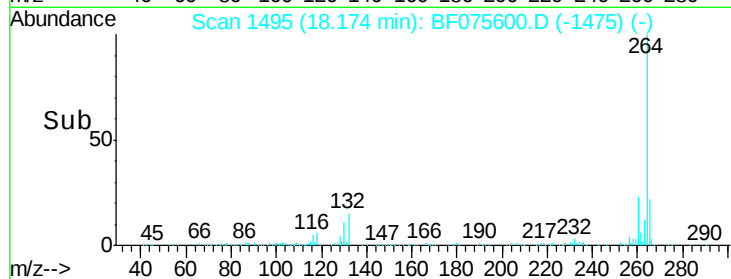
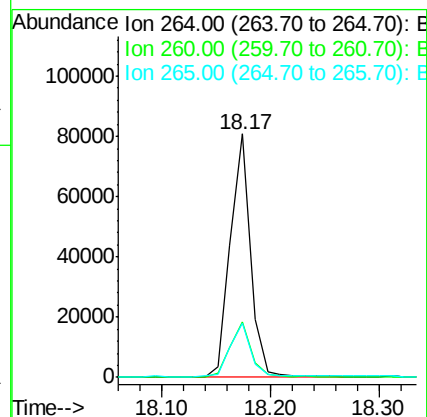
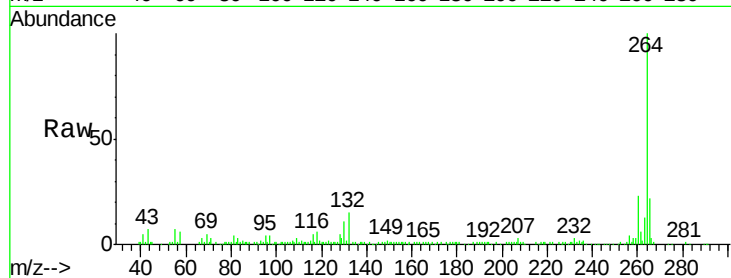




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.17 min Scan# 1495
Delta R.T. -0.07 min
Lab File: BF075600.D
Acq: 17 Nov 2014 00:53

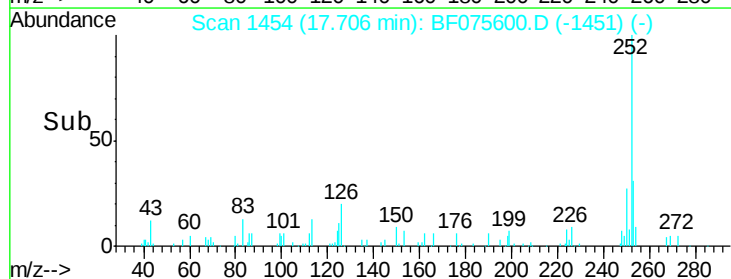
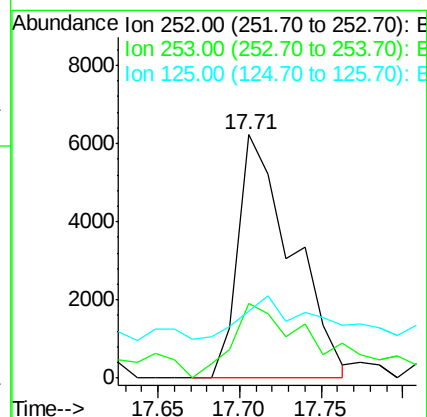
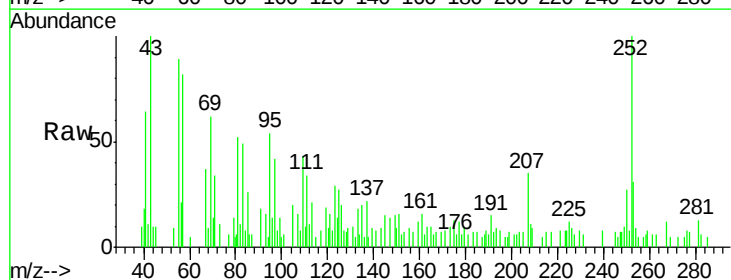
Instrument :
BNA_F
ClientSampleId :
HUDPARK-B1-SS2(2-3)

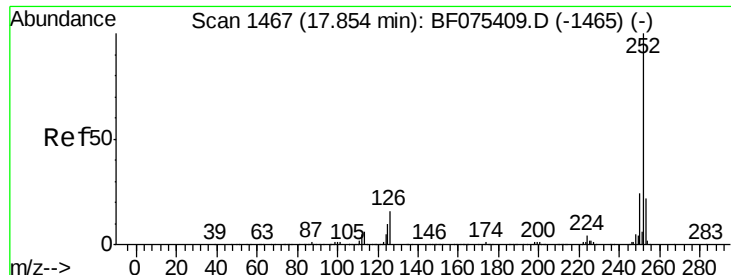
Tgt Ion: 264 Resp: 104596
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 22.1 16.3 24.5



#87
Benzo(b)fluoranthene
Concen: 2.56 ng
RT: 17.71 min Scan# 1454
Delta R.T. -0.07 min
Lab File: BF075600.D
Acq: 17 Nov 2014 00:53

Tgt Ion: 252 Resp: 14293
Ion Ratio Lower Upper
252 100
253 30.8 17.7 26.5#
125 27.5 11.8 17.6#





#88

Benzo(k)fluoranthene

Concen: 2.95 ng

RT: 17.71 min Scan# 1454

Delta R.T. -0.10 min

Lab File: BF075600.D

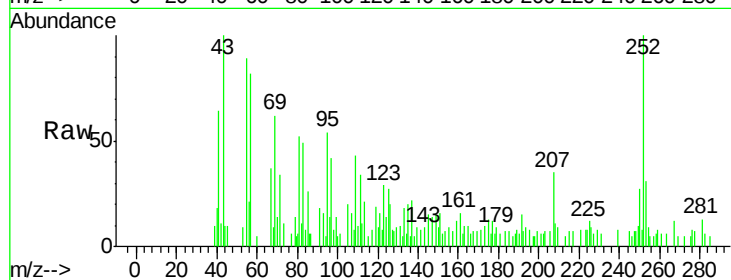
Acq: 17 Nov 2014 00:53

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B1-SS2(2-3)



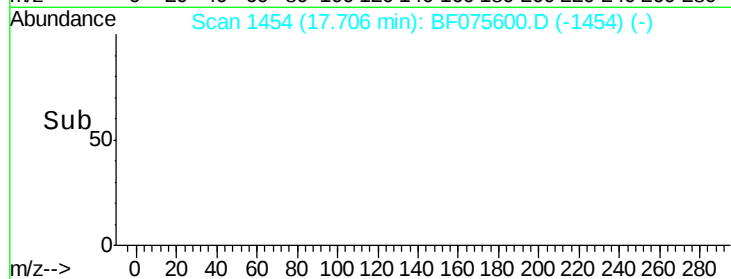
Tgt Ion: 252 Resp: 14793

Ion Ratio Lower Upper

252 100

253 30.8 18.1 27.1#

125 27.5 11.6 17.4#



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

