

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075602.D
 Acq On : 17 Nov 2014 1:50
 Operator : TP / JJ
 Sample : F4755-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B3-SS2(2-2.8)

Quant Time: Nov 17 06:10:39 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	25671	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	107022	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	59061	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	98776	20.00	ng	0.00
75) Chrysene-d12	16.46	240	102489	20.00	ng	-0.01
86) Perylene-d12	18.20	264	109444	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	199616	137.37	ng	0.00
7) Phenol-d6	7.11	99	257033	147.09	ng	0.00
23) Nitrobenzene-d5	8.24	82	139148	95.32	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	64330	130.04	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	283724	86.81	ng	0.00
78) Terphenyl-d14	15.16	244	279911	73.53	ng	0.00

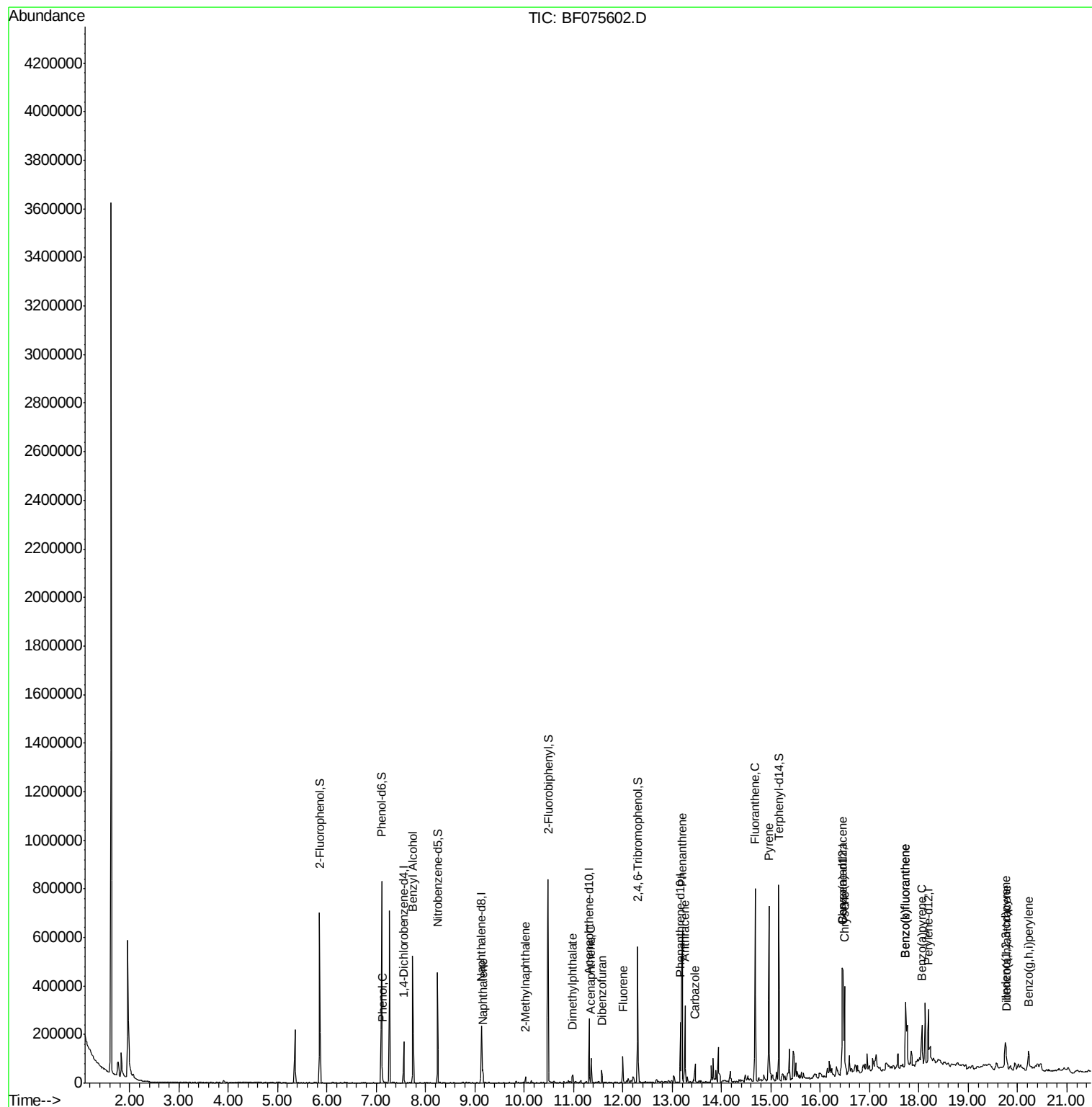
Target Compounds					Qvalue	
10) Phenol	7.12	94	4480	2.10	ng	94
15) Benzyl Alcohol	7.74	79	2760	2.01	ng	# 49
31) Naphthalene	9.16	128	31122	6.52	ng	99
37) 2-Methylnaphthalene	10.02	142	7949	2.44	ng	95
49) Dimethylphthalate	10.99	163	20176	5.00	ng	97
51) Acenaphthene	11.35	154	32392	10.45	ng	98
54) Dibenzofuran	11.57	168	25149	5.68	ng	98
57) Fluorene	12.00	166	37223	10.39	ng	99
70) Phenanthrene	13.20	178	335414	64.52	ng	99
71) Anthracene	13.26	178	127449	23.72	ng	99
72) Carbazole	13.47	167	40265	7.66	ng	98
74) Fluoranthene	14.68	202	378256	67.93	ng	96
77) Pyrene	14.96	202	326205	54.75	ng	100
80) Benzo(a)anthracene	16.45	228	184390	34.25	ng	97
82) Chrysene	16.49	228	138239	29.69	ng	98
85) Indeno(1,2,3-cd)pyrene	19.75	276	74053	13.11	ng	# 100
87) Benzo(b)fluoranthene	17.73	252	233503	39.90	ng	99
88) Benzo(k)fluoranthene	17.73	252	234770	44.71	ng	99
89) Benzo(a)pyrene	18.06	252	53173	10.16	ng	95
90) Dibenz(a,h)anthracene	19.77	278	22014	4.03	ng	96
91) Benzo(g,h,i)perylene	20.22	276	66976	12.86	ng	97

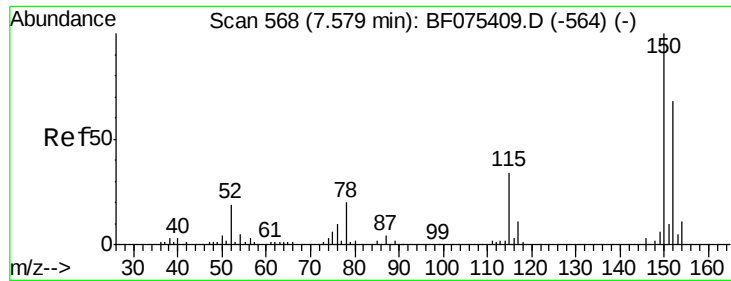
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B3-SS2(2-2.8)

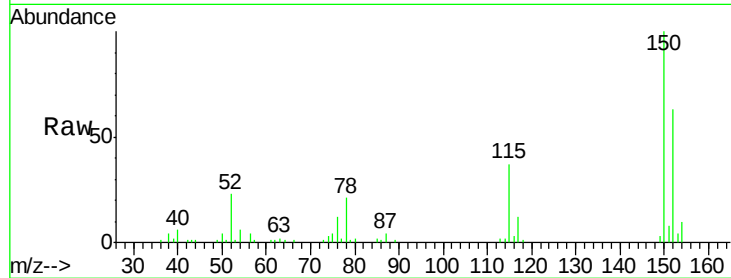
Tgt Ion:152 Resp: 25671

Ion Ratio Lower Upper

152 100

150 159.3 127.2 190.8

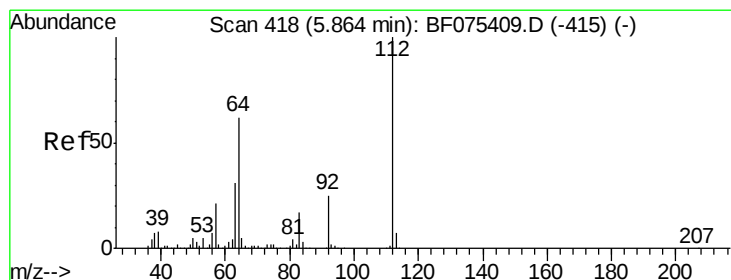
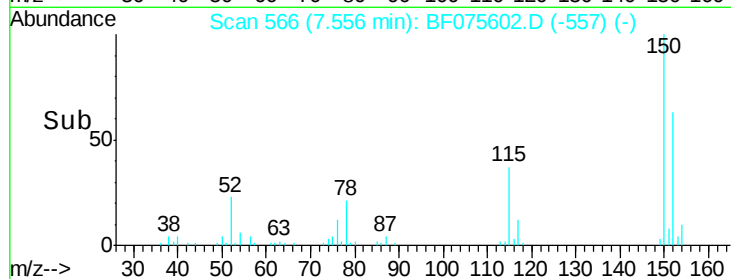
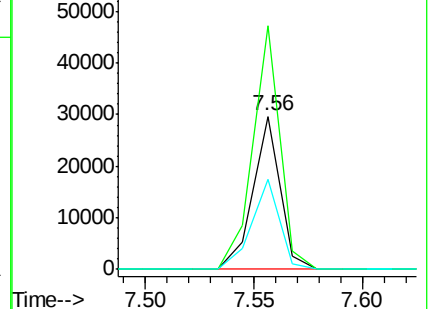
115 59.0 57.1 85.7



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: 137.37 ng

RT: 5.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

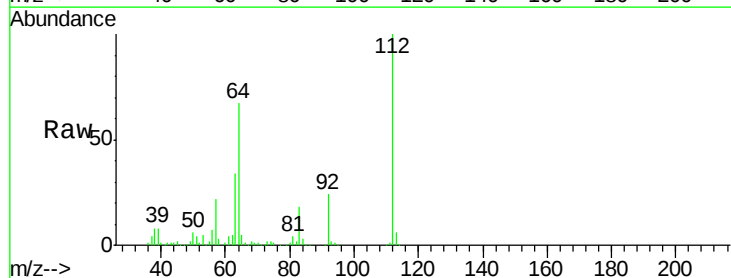
Tgt Ion:112 Resp: 199616

Ion Ratio Lower Upper

112 100

64 67.0 45.8 68.6

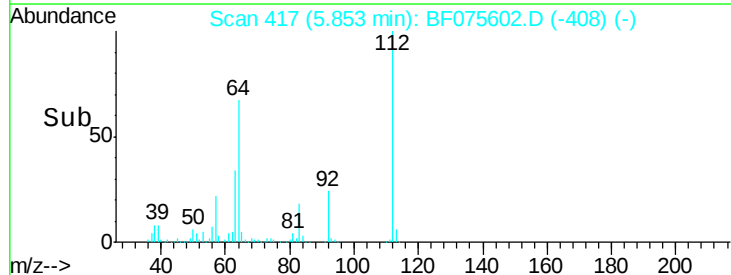
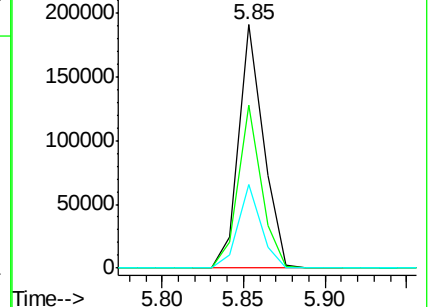
63 34.1 22.7 34.1#

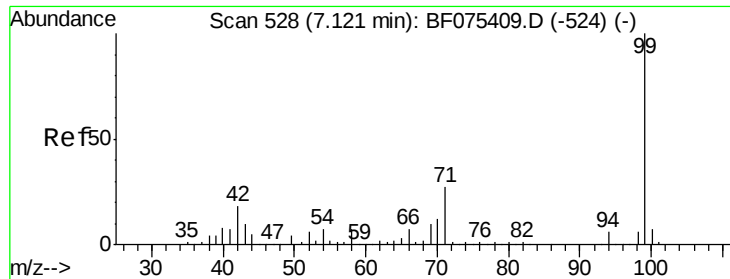


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.09 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B3-SS2(2-2.8)

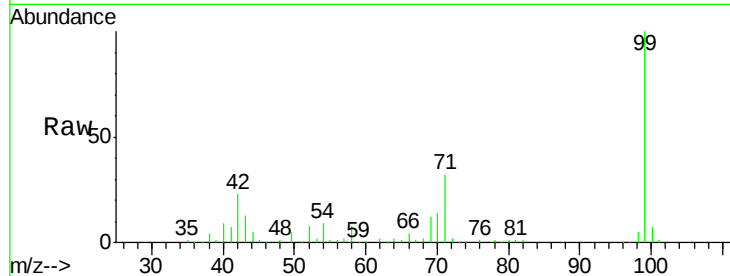
Tgt Ion: 99 Resp: 257033

Ion Ratio Lower Upper

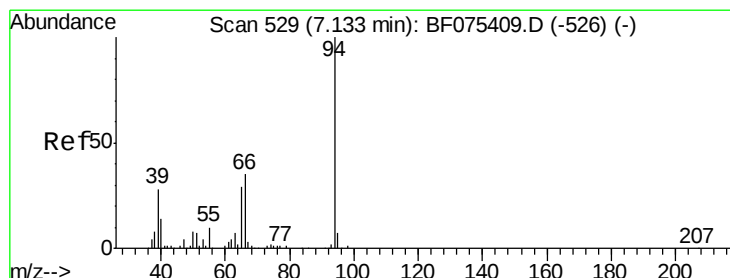
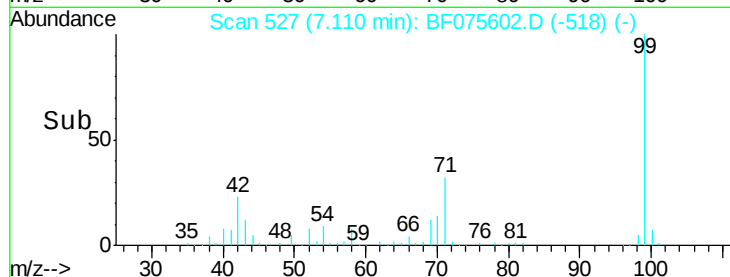
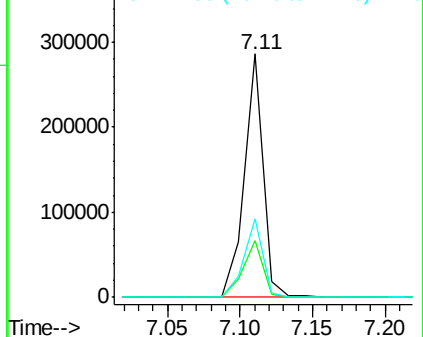
99 100

42 23.4 19.8 29.6

71 32.5 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



#10

Phenol

Concen: 2.10 ng

RT: 7.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

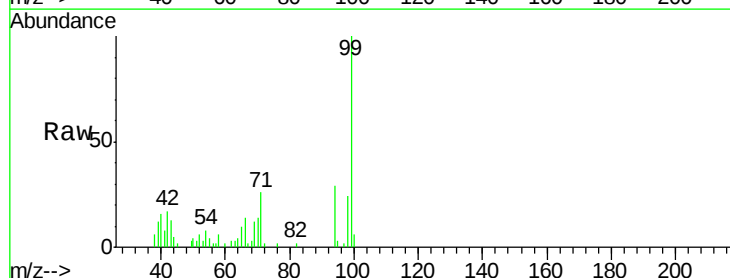
Tgt Ion: 94 Resp: 4480

Ion Ratio Lower Upper

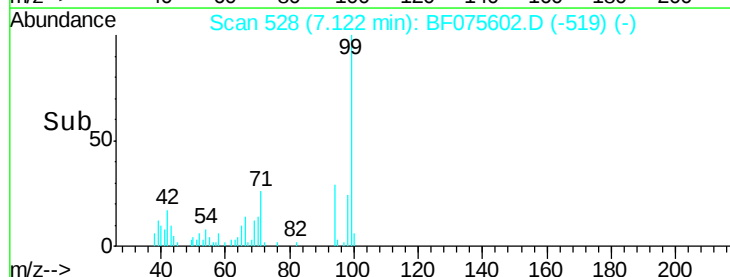
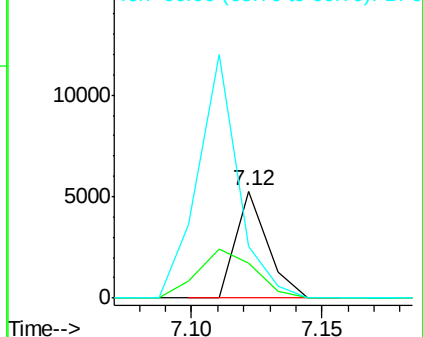
94 100

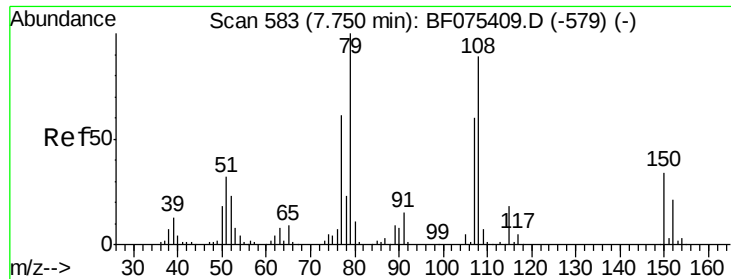
65 33.1 13.1 53.1

66 48.1 20.8 60.8



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.74 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B3-SS2(2-2.8)

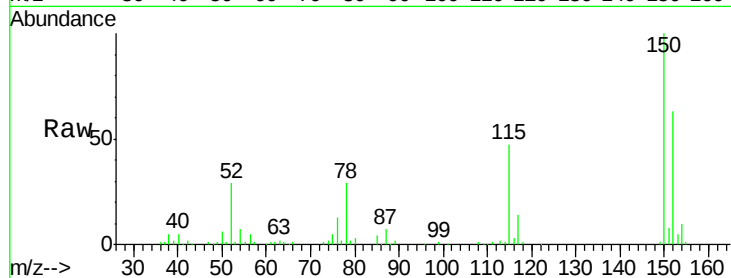
Tgt Ion: 79 Resp: 2760

Ion Ratio Lower Upper

79 100

108 23.6 75.5 113.3#

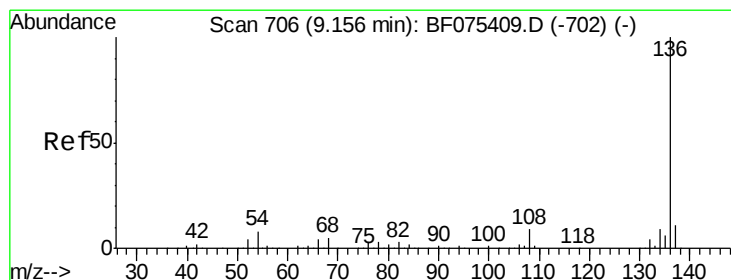
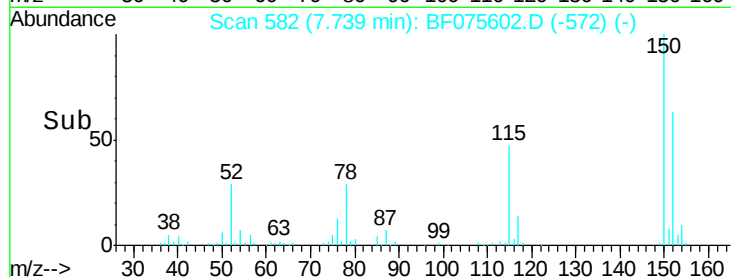
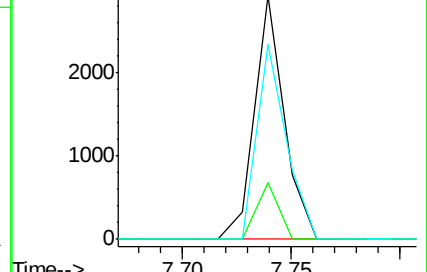
77 80.2 52.1 78.1#



Abundance Ion 79.00 (78.70 to 79.70): BF075409.D (-579) (-)

Ion 108.00 (107.70 to 108.70): BF075409.D (-579) (-)

Ion 77.00 (76.70 to 77.70): BF075409.D (-579) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

Tgt Ion: 136 Resp: 107022

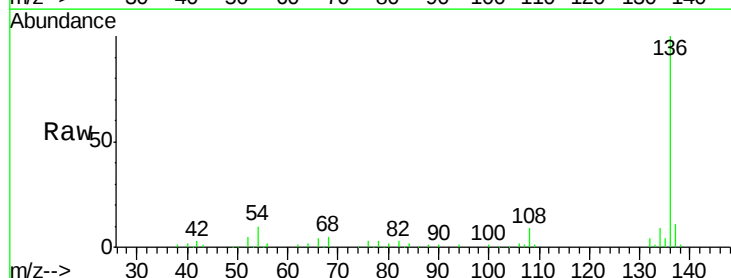
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 10.0 6.2 9.4#

68 4.7 3.4 5.2

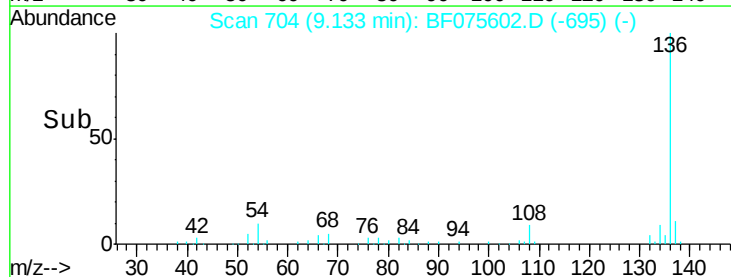
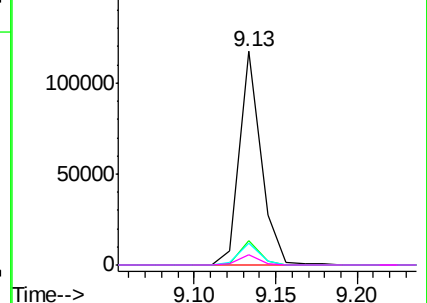


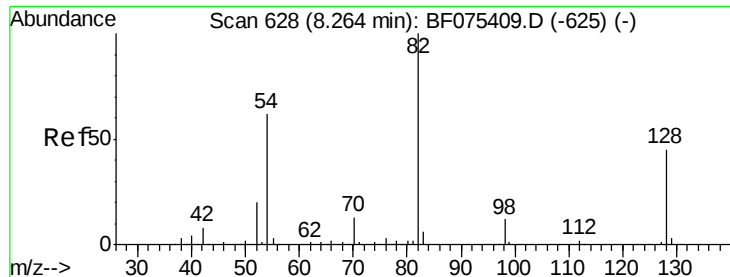
Abundance Ion 136.00 (135.70 to 136.70): BF075409.D (-702) (-)

Ion 137.00 (136.70 to 137.70): BF075409.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BF075409.D (-702) (-)

Ion 68.00 (67.70 to 68.70): BF075409.D (-702) (-)

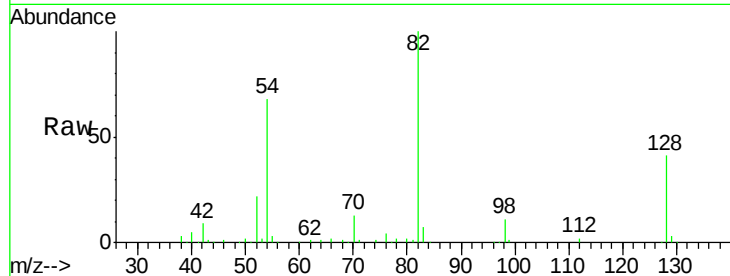




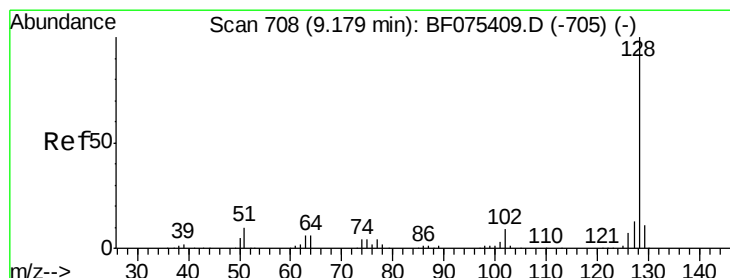
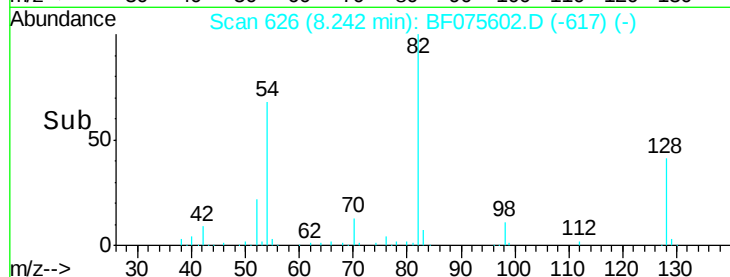
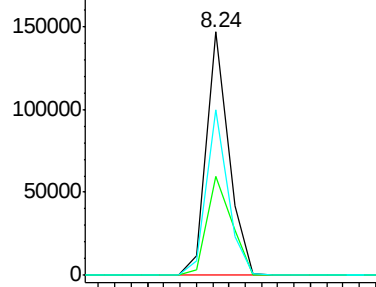
#23
 Nitrobenzene-d5
 Concen: 95.32 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B3-SS2(2-2.8)

Tgt Ion: 82 Resp: 139148
 Ion Ratio Lower Upper
 82 100
 128 40.8 37.8 56.6
 54 67.9 49.8 74.8

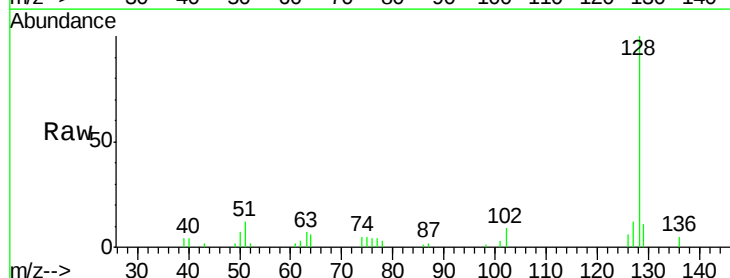


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

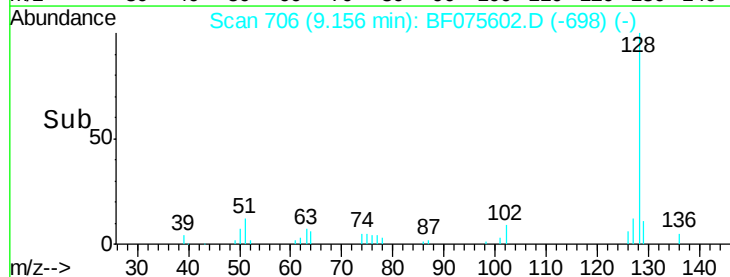
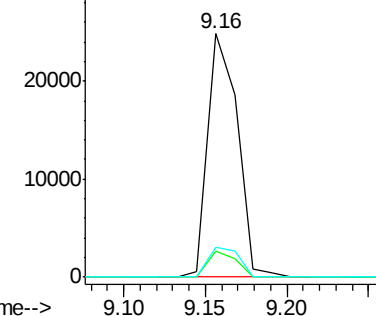


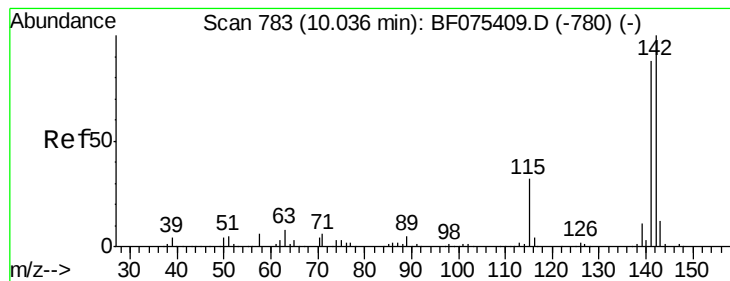
#31
 Naphthalene
 Concen: 6.52 ng
 RT: 9.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

Tgt Ion: 128 Resp: 31122
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.4
 127 12.3 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.44 ng

RT: 10.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B3-SS2(2-2.8)

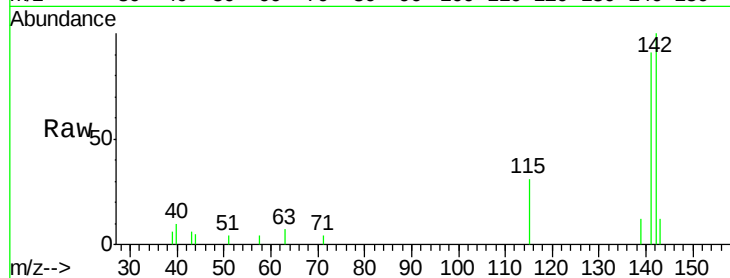
Tgt Ion:142 Resp: 7949

Ion Ratio Lower Upper

142 100

141 90.9 69.9 104.9

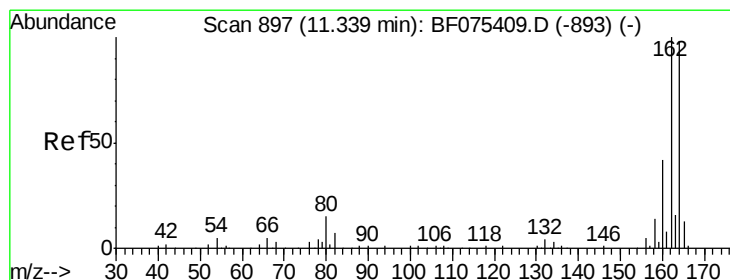
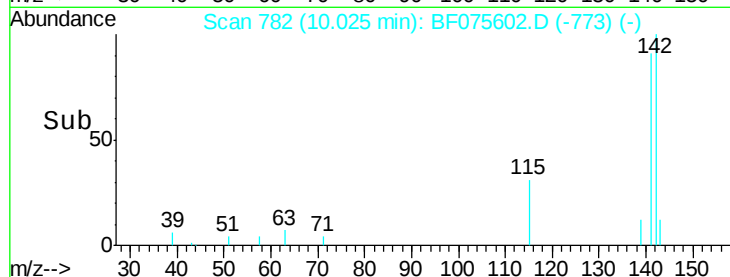
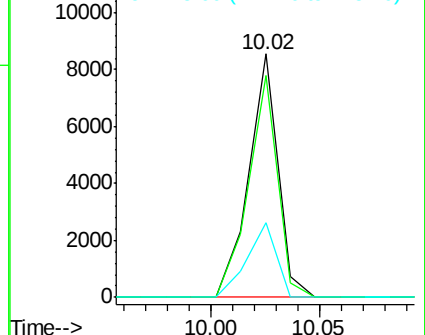
115 30.6 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

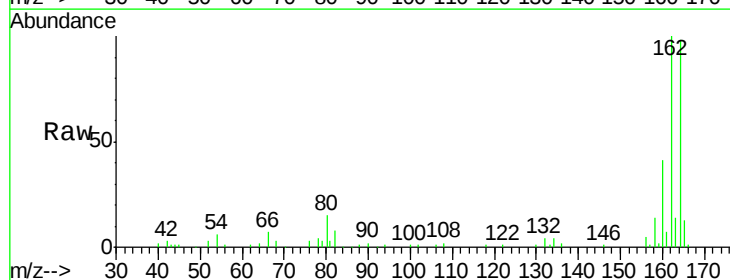
Tgt Ion:164 Resp: 59061

Ion Ratio Lower Upper

164 100

162 102.2 79.1 118.7

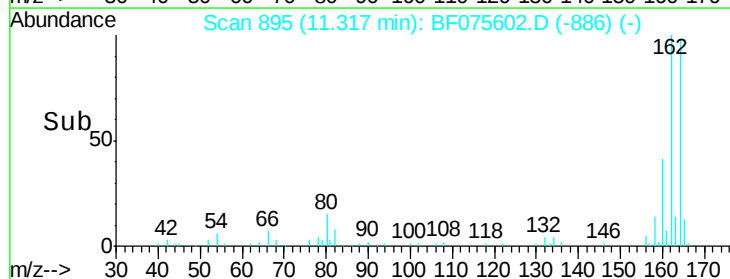
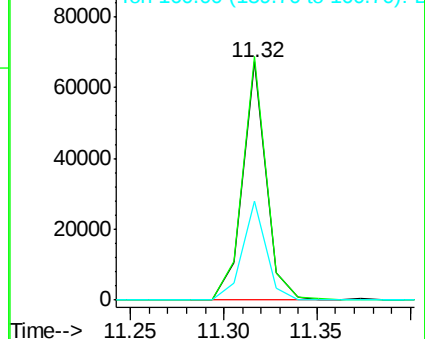
160 41.8 34.6 51.8

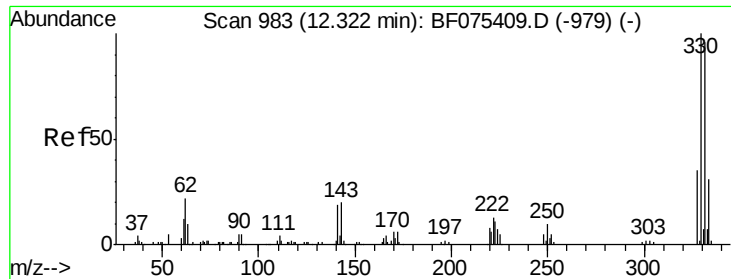


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

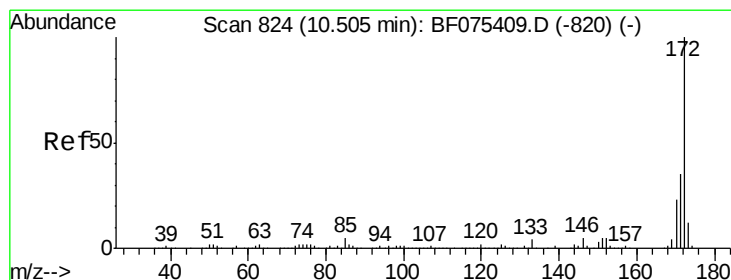
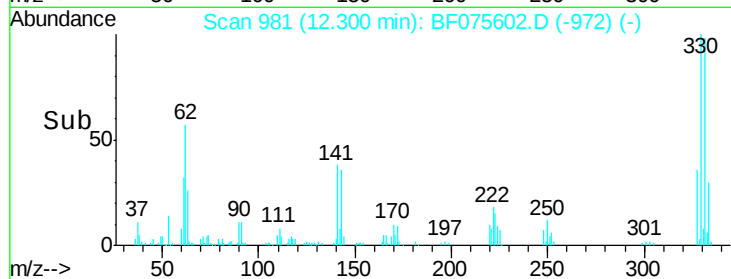
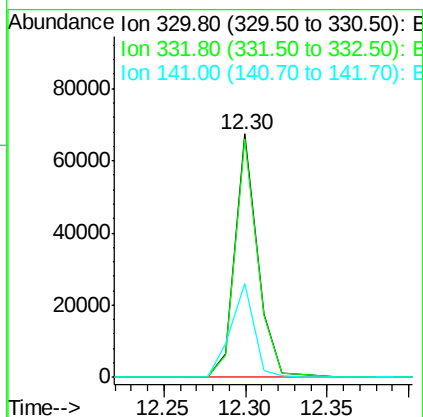
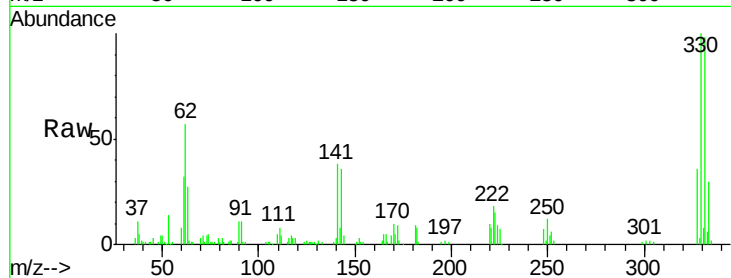




#41
 2,4,6-Tribromophenol
 Concen: 130.04 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

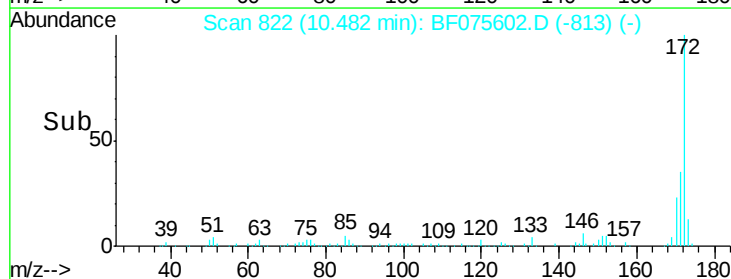
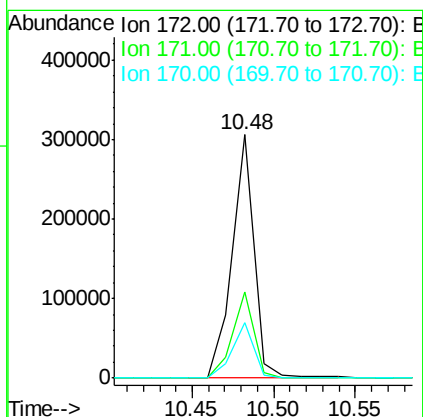
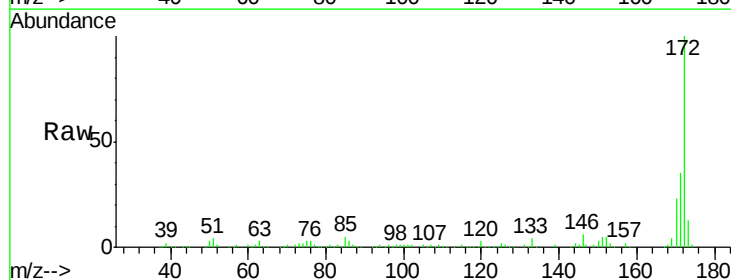
Instrument :
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 HUDPARK-B3-SS2(2-2.8)

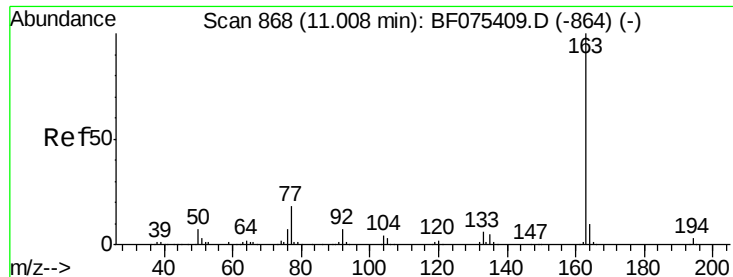
Tgt Ion:330 Resp: 64330
 Ion Ratio Lower Upper
 330 100
 332 97.9 74.5 111.7
 141 40.1 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 86.81 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

Tgt Ion:172 Resp: 283724
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.3 40.9
 170 22.9 18.4 27.6

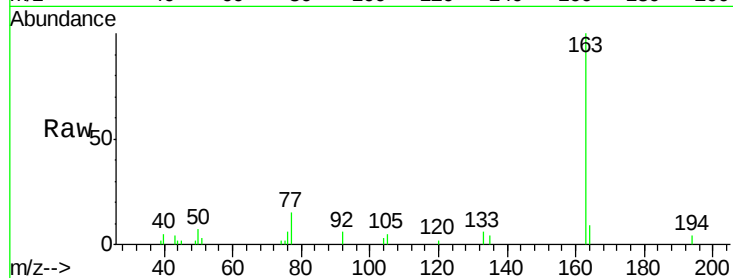




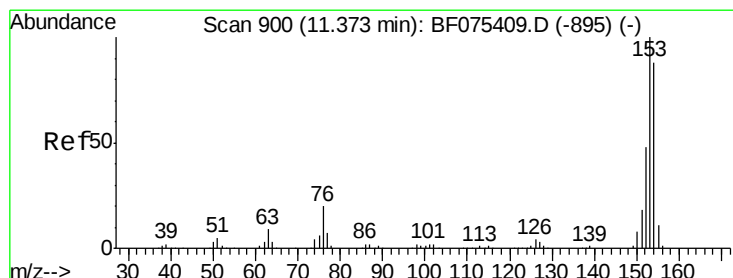
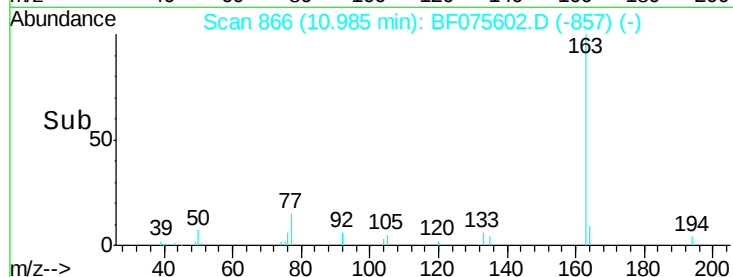
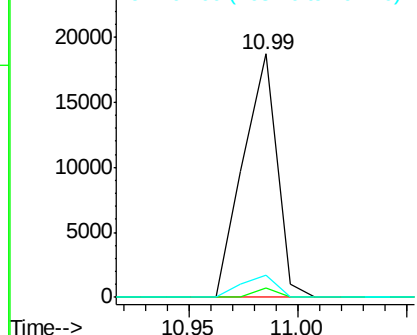
#49
Dimethylphthalate
Concen: 5.00 ng
RT: 10.99 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075602.D
Acq: 17 Nov 2014 1:50

Instrument :
BNA_F
ClientSampleId :
HUDPARK-B3-SS2(2-2.8)

Tgt Ion:163 Resp: 20176
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 8.9 8.0 12.0

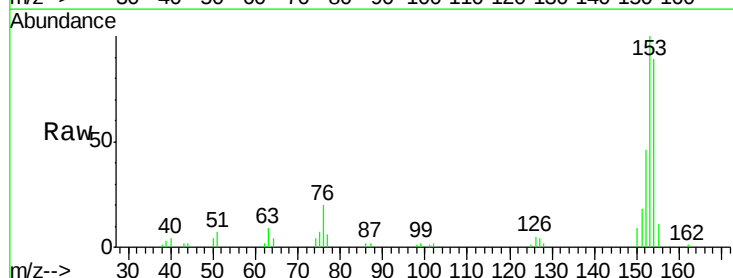


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

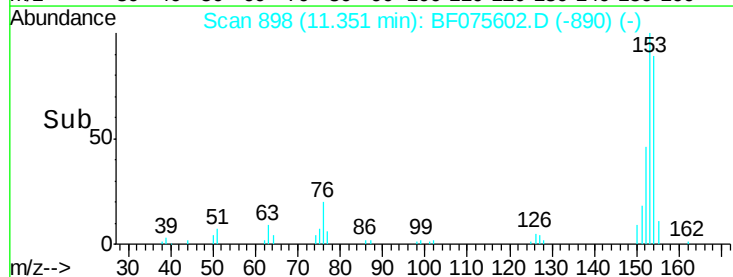
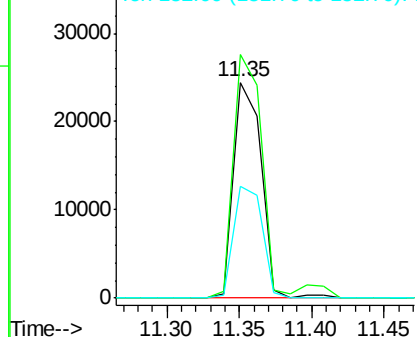


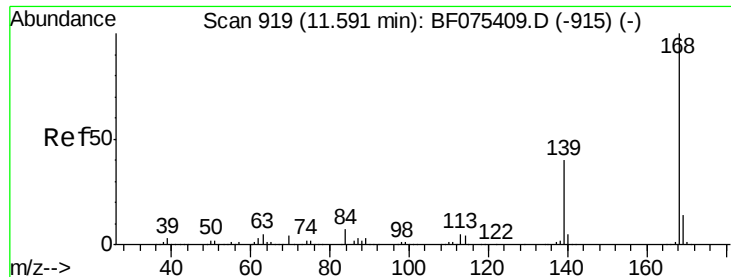
#51
Acenaphthene
Concen: 10.45 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF075602.D
Acq: 17 Nov 2014 1:50

Tgt Ion:154 Resp: 32392
Ion Ratio Lower Upper
154 100
153 112.7 91.2 136.8
152 51.7 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

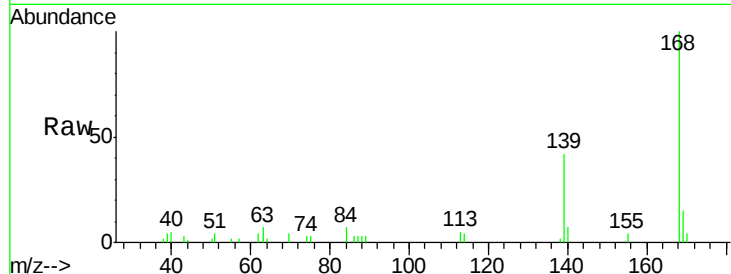




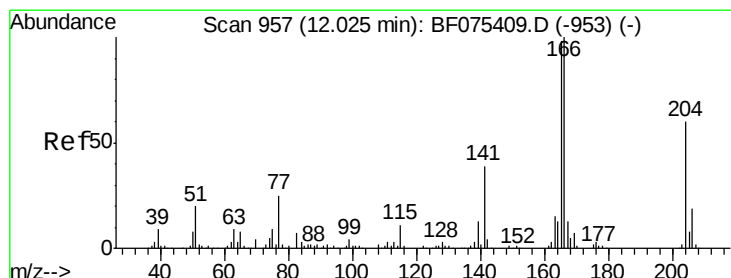
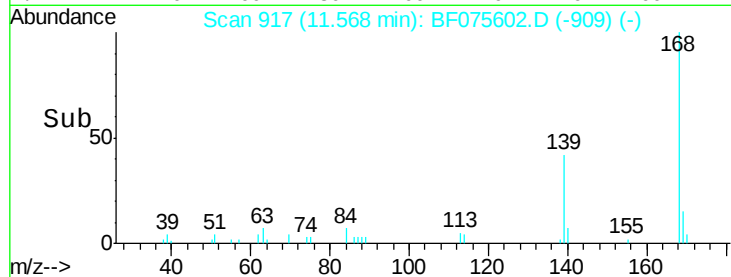
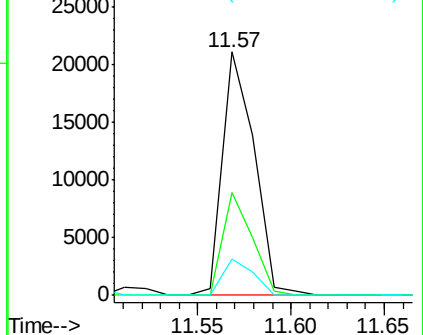
#54
Dibenzenofuran
Concen: 5.68 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF075602.D
Acq: 17 Nov 2014 1:50

Instrument :
BNA_F
ClientSampleId :
HUDPARK-B3-SS2(2-2.8)

Tgt Ion:168 Resp: 25149
Ion Ratio Lower Upper
168 100
139 42.1 33.0 49.4
169 14.7 10.8 16.2

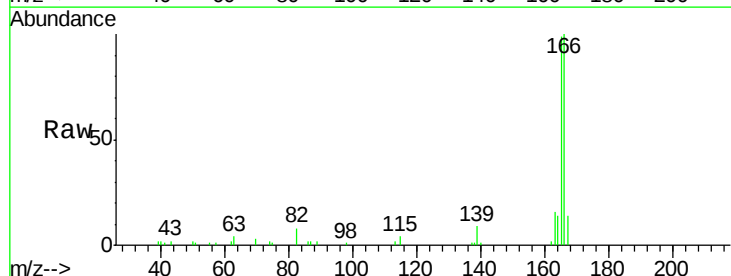


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

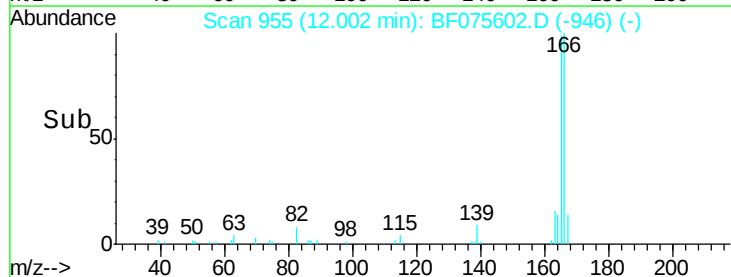
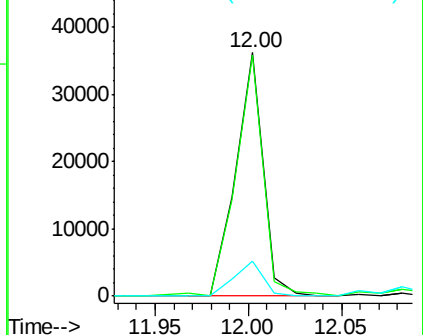


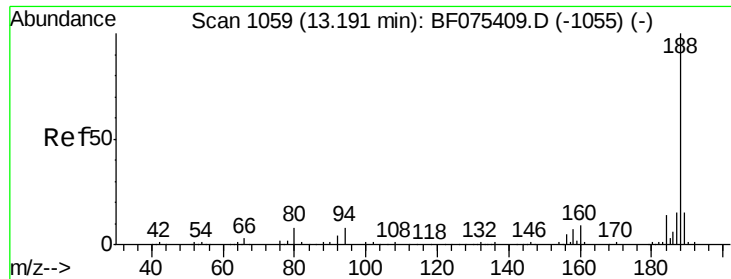
#57
Fluorene
Concen: 10.39 ng
RT: 12.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF075602.D
Acq: 17 Nov 2014 1:50

Tgt Ion:166 Resp: 37223
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 14.2 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

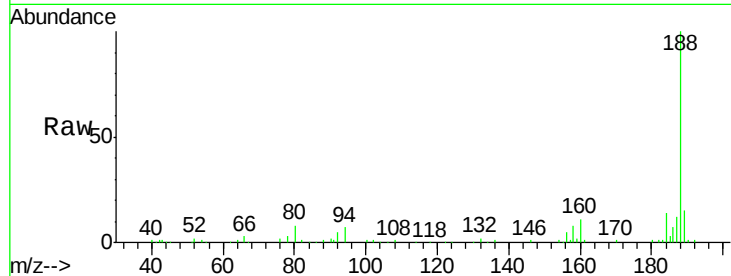




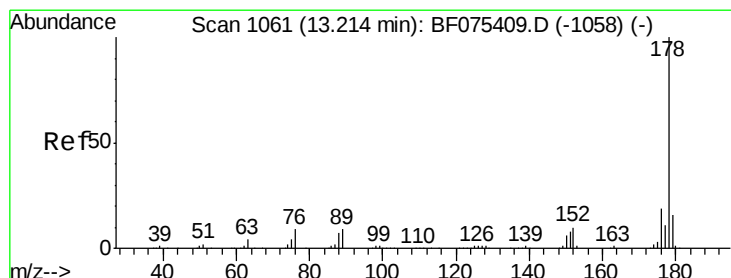
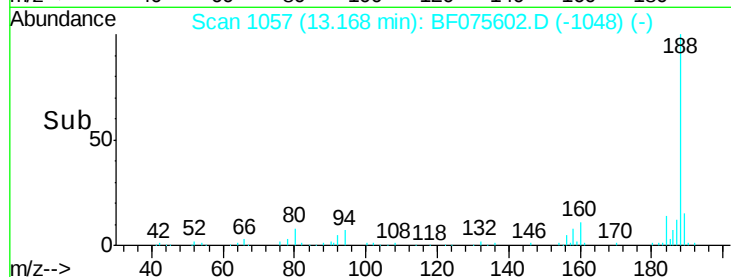
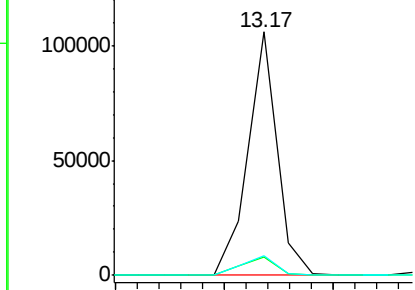
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.17 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B3-SS2(2-2.8)

Tgt Ion:188 Resp: 98776
 Ion Ratio Lower Upper
 188 100
 94 7.3 7.8 11.6#
 80 7.9 8.0 12.0#

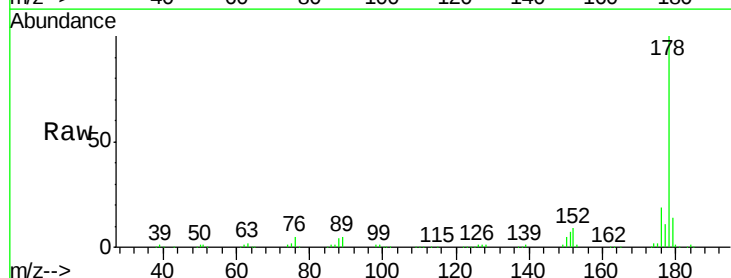


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

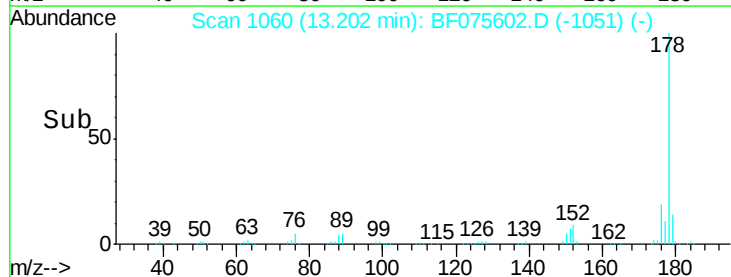
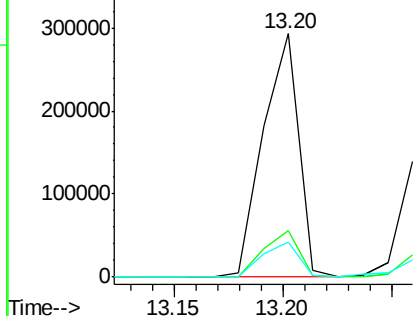


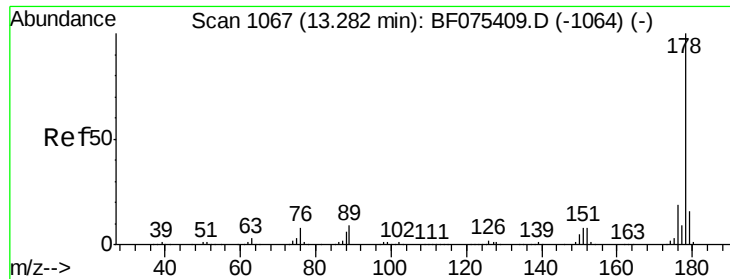
#70
 Phenanthrene
 Concen: 64.52 ng
 RT: 13.20 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

Tgt Ion:178 Resp: 335414
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.3 22.9
 179 14.4 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

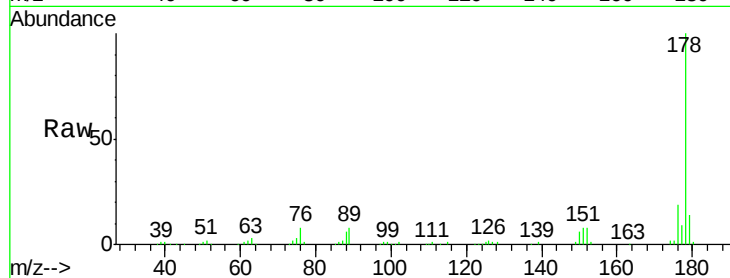




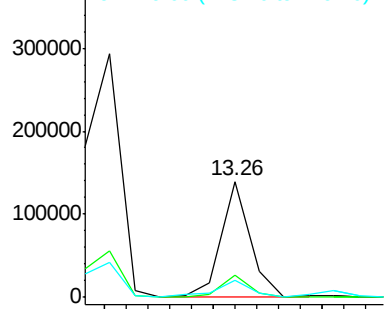
#71
 Anthracene
 Concen: 23.72 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B3-SS2(2-2.8)

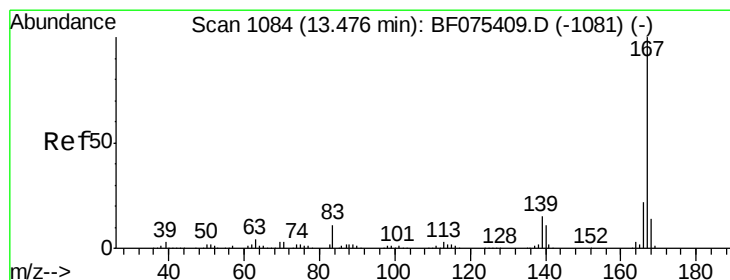
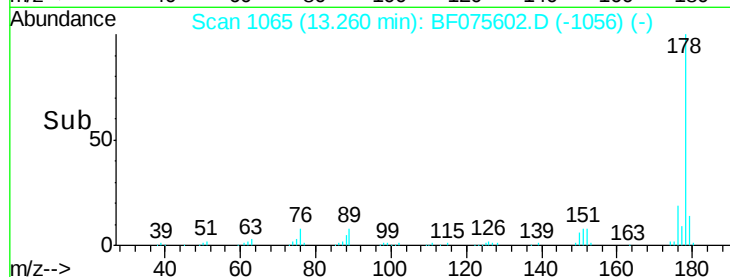
Tgt Ion:178 Resp: 127449
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.1 22.7
 179 14.3 12.2 18.2



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

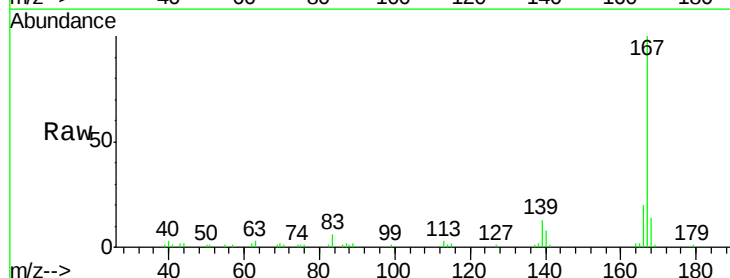


Time--> 13.20 13.25 13.30

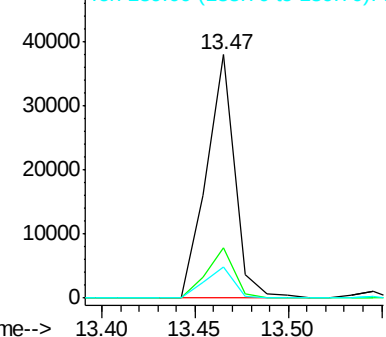


#72
 Carbazole
 Concen: 7.66 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

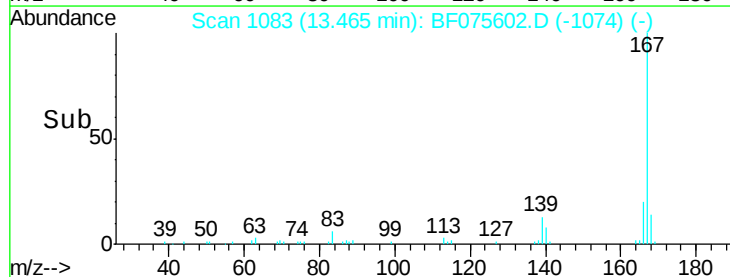
Tgt Ion:167 Resp: 40265
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.4 26.0
 139 12.9 10.1 15.1

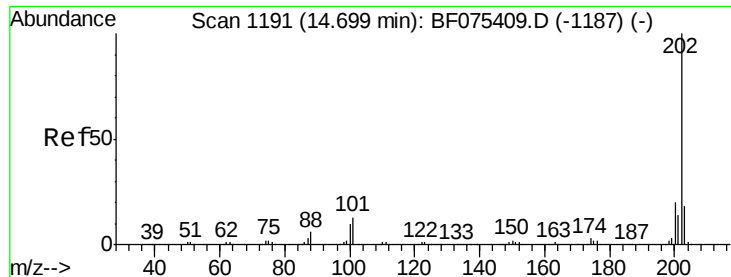


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 13.40 13.45 13.50

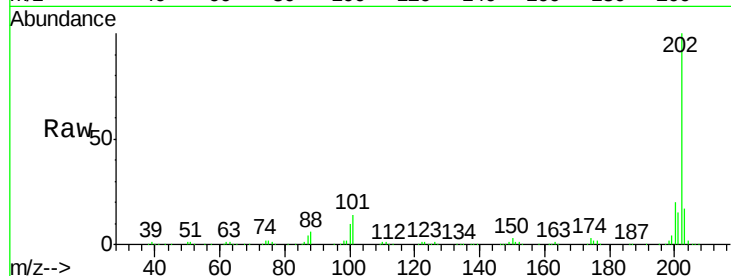




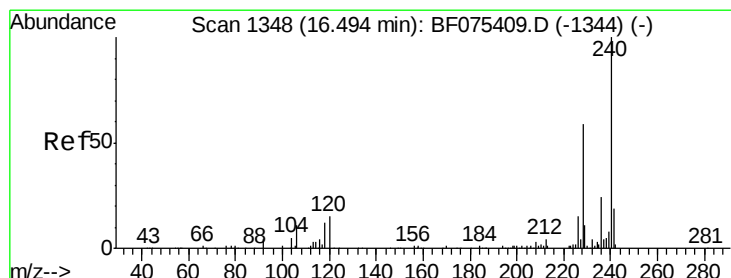
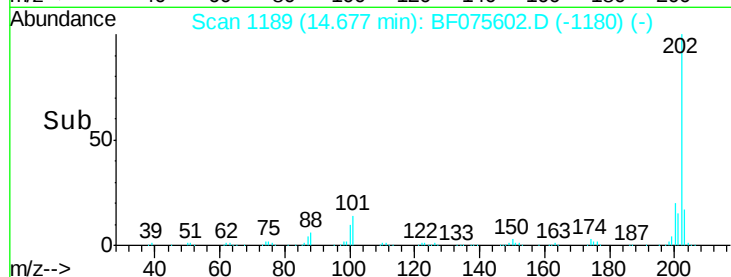
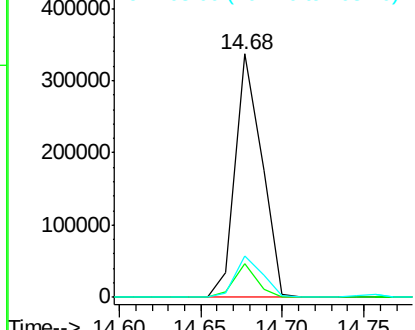
#74
 Fluoranthene
 Concen: 67.93 ng
 RT: 14.68 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B3-SS2(2-2.8)

Tgt Ion: 202 Resp: 378256
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 36.6
 203 17.1 0.0 38.2

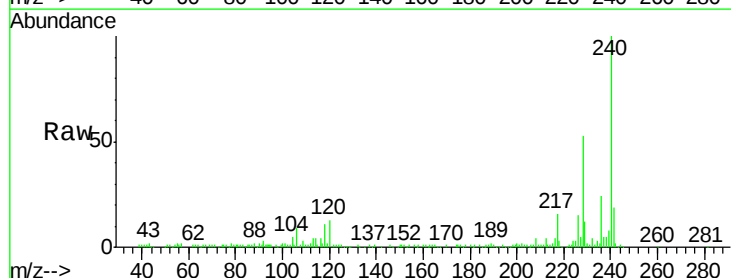


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

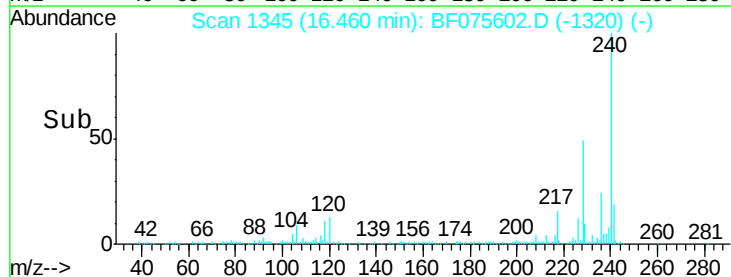
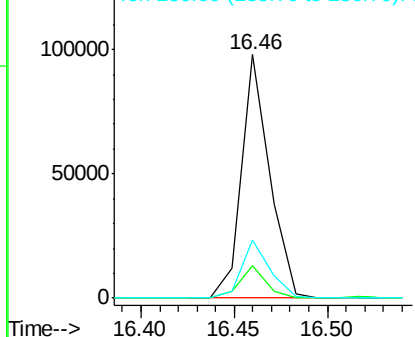


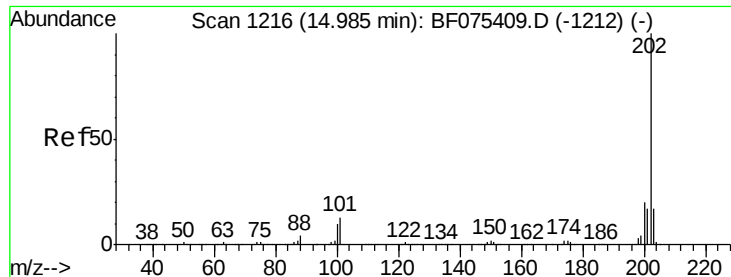
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

Tgt Ion: 240 Resp: 102489
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.6 14.4
 236 23.7 18.9 28.3



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: 54.75 ng

RT: 14.96 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B3-SS2(2-2.8)

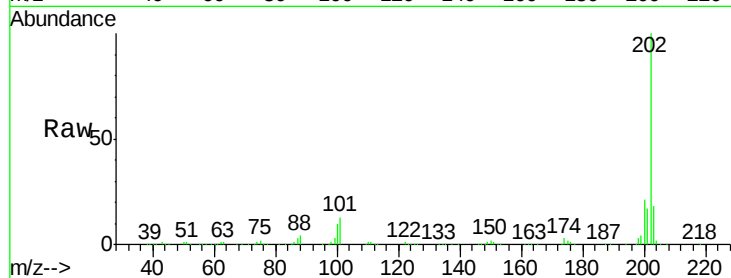
Tgt Ion:202 Resp: 326205

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

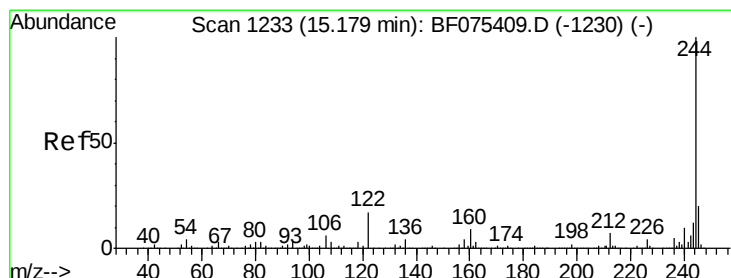
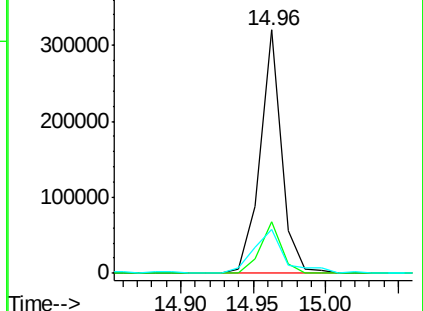
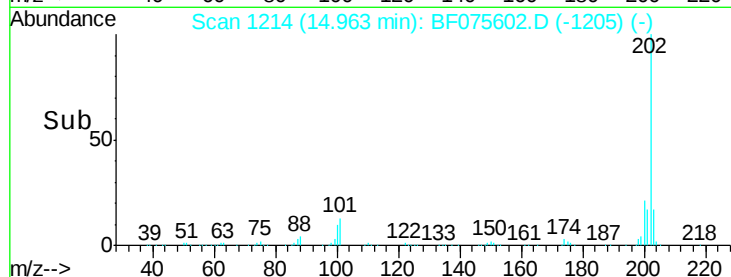
203 18.0 14.3 21.5



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: 73.53 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

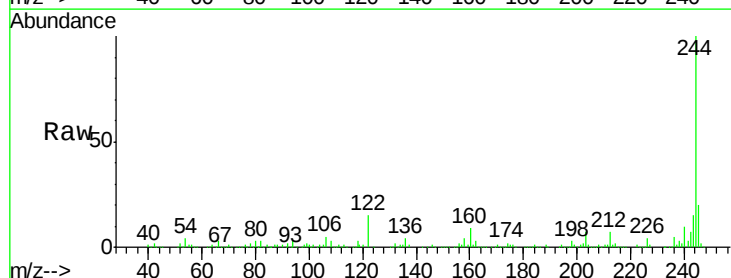
Tgt Ion:244 Resp: 279911

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

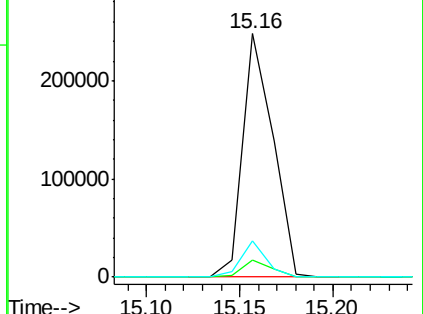
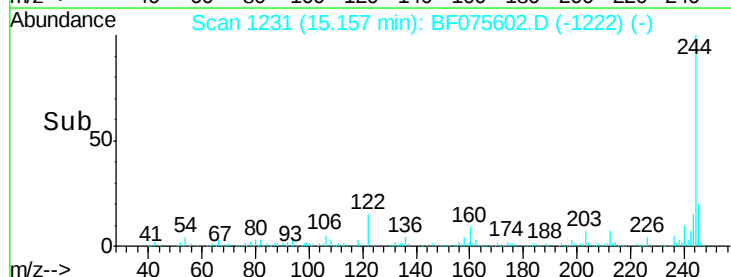
122 14.7 9.7 14.5#

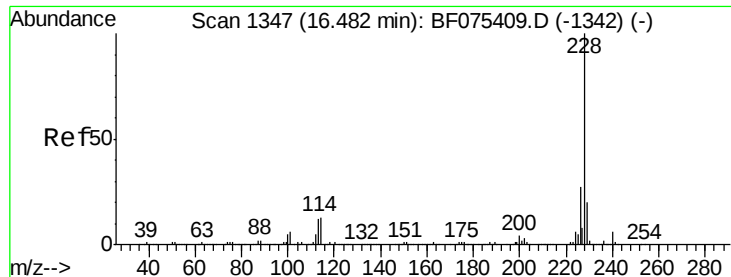


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 34.25 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

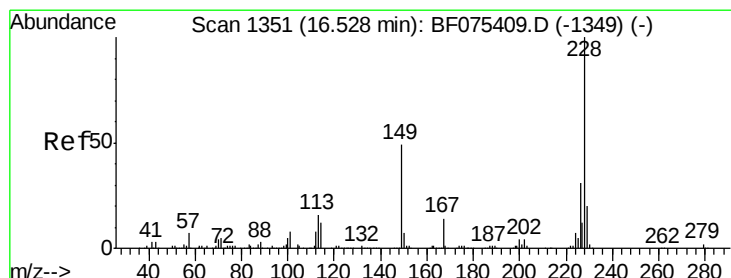
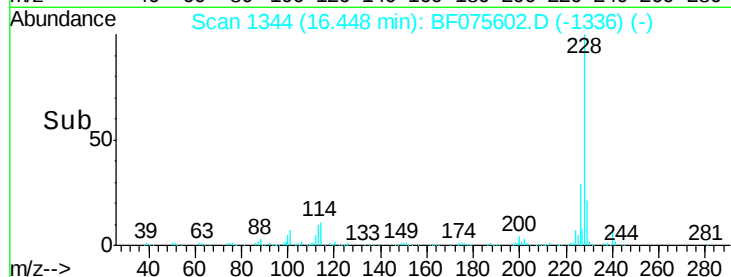
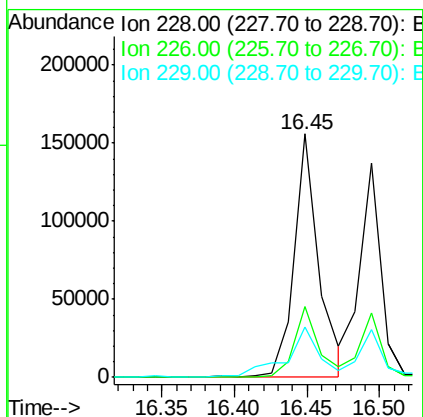
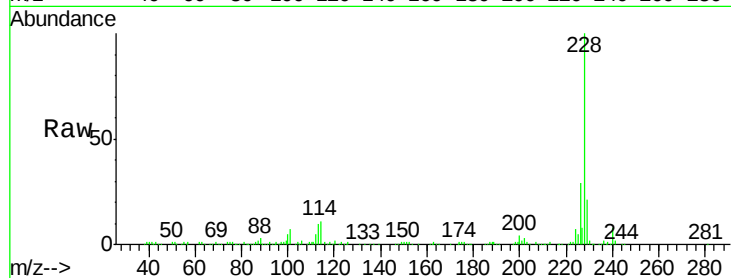
Instrument :

BNA_F

ClientSampleId :

HUDPARK-B3-SS2(2-2.8)

Tgt Ion:	228	Resp:	184390
Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.8
229	20.8	15.3	22.9



#82

Chrysene

Concen: 29.69 ng

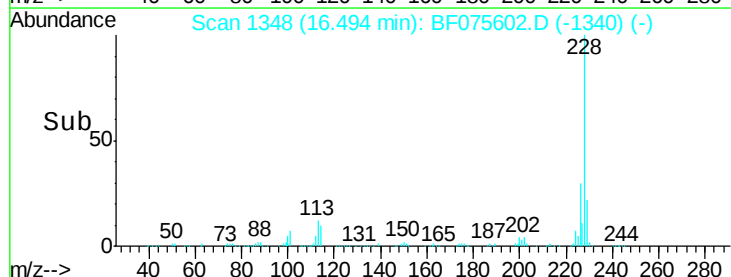
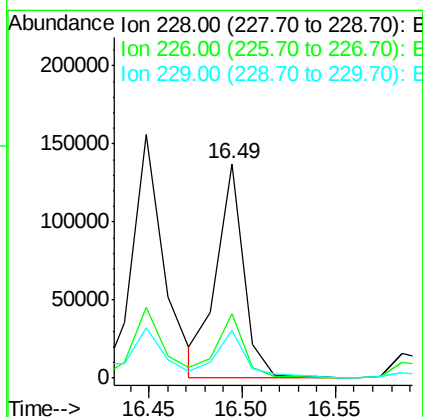
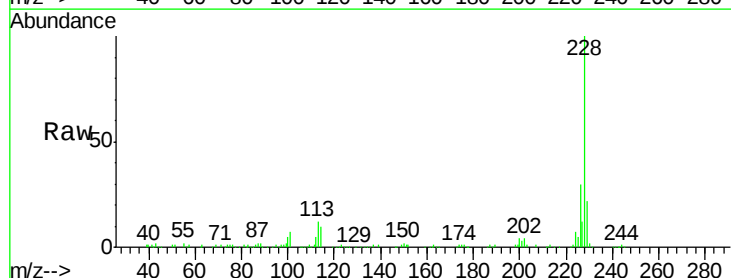
RT: 16.49 min Scan# 1348

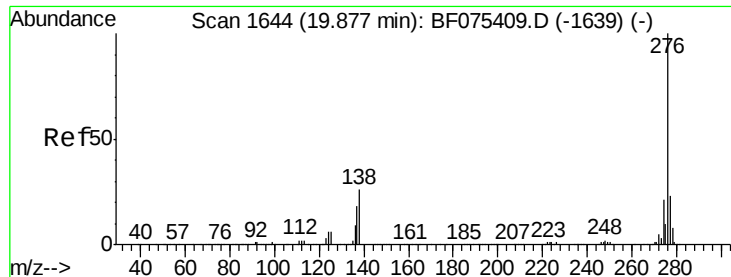
Delta R.T. -0.01 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

Tgt Ion:	228	Resp:	138239
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	22.1	15.8	23.6

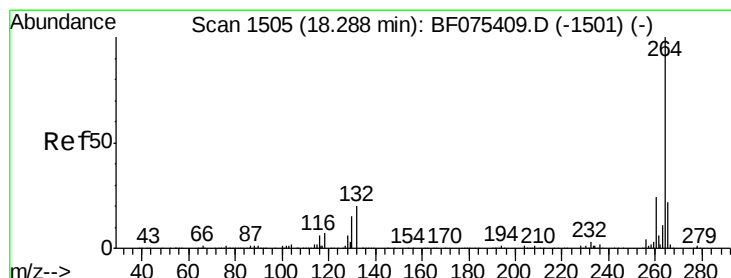
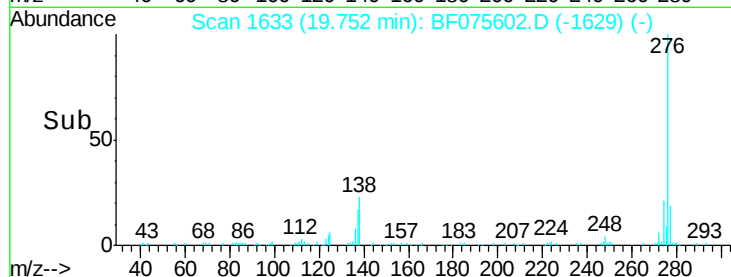
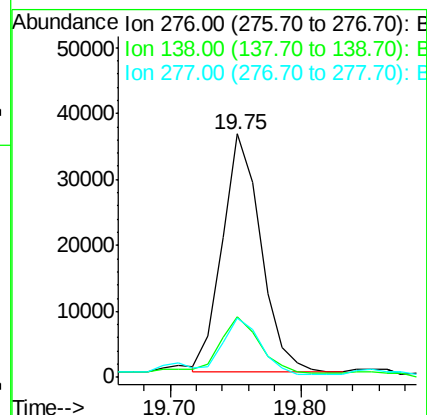
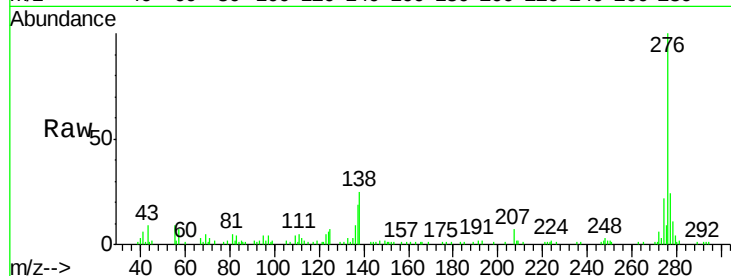




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.11 ng
 RT: 19.75 min Scan# 1633
 Delta R.T. -0.06 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

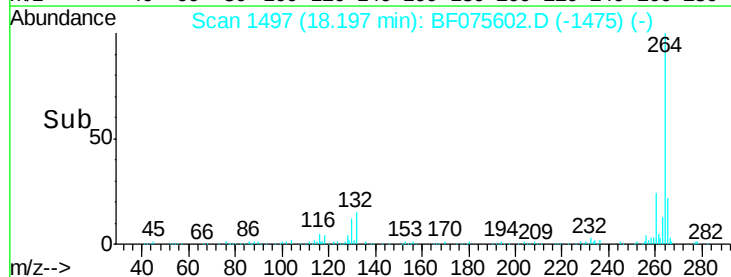
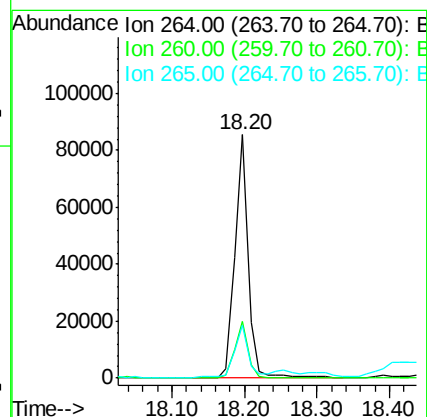
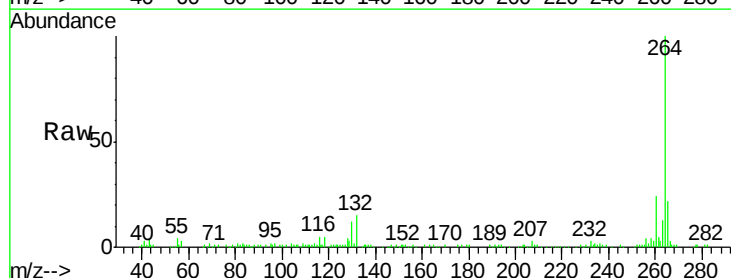
Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B3-SS2(2-2.8)

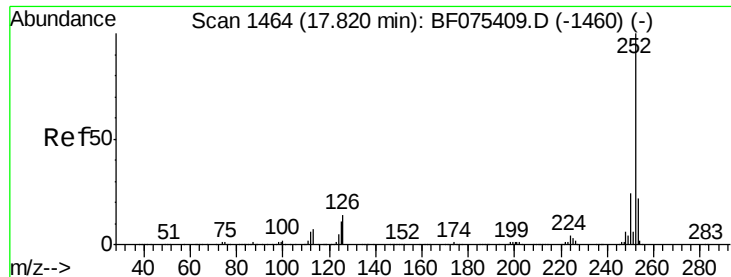
Tgt Ion: 276 Resp: 74053
 Ion Ratio Lower Upper
 276 100
 138 24.1 0.0 0.0#
 277 23.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.20 min Scan# 1497
 Delta R.T. -0.05 min
 Lab File: BF075602.D
 Acq: 17 Nov 2014 1:50

Tgt Ion: 264 Resp: 109444
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.9 26.9
 265 21.7 16.3 24.5

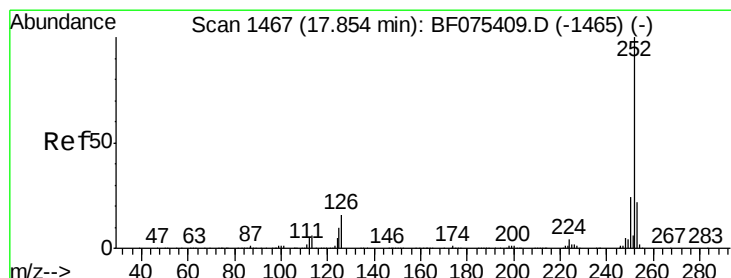
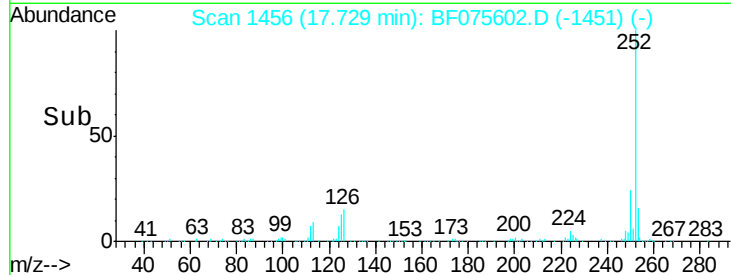
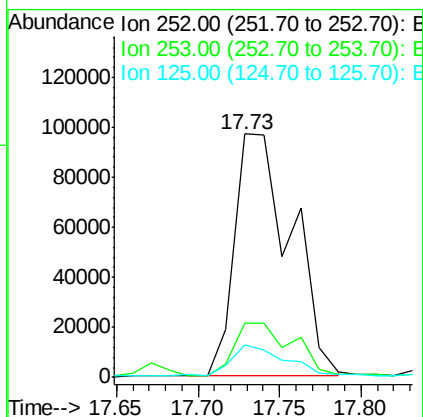
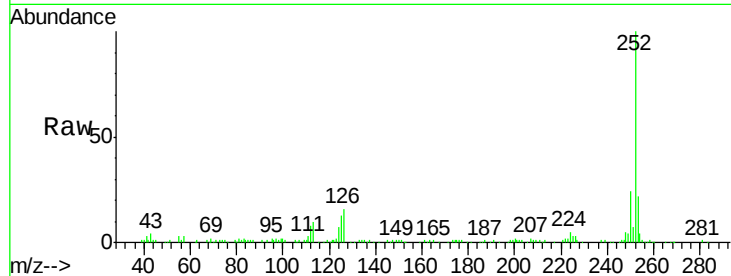




#87
Benzo(b)fluoranthene
Concen: 39.90 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.05 min
Lab File: BF075602.D
Acq: 17 Nov 2014 1:50

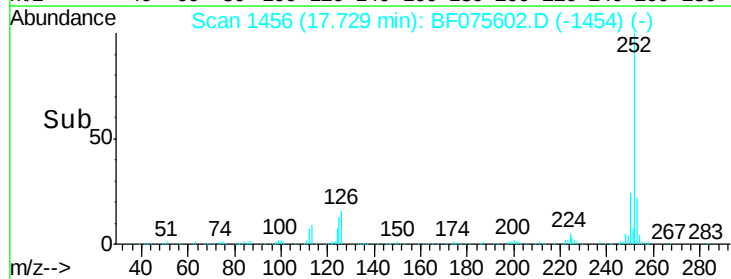
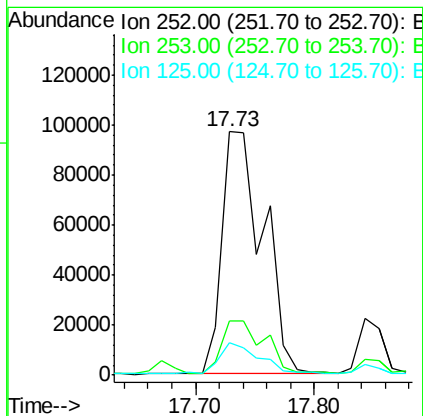
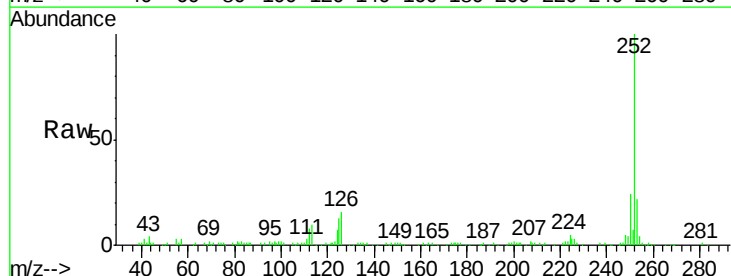
Instrument :
BNA_F
ClientSampleId :
HUDPARK-B3-SS2(2-2.8)

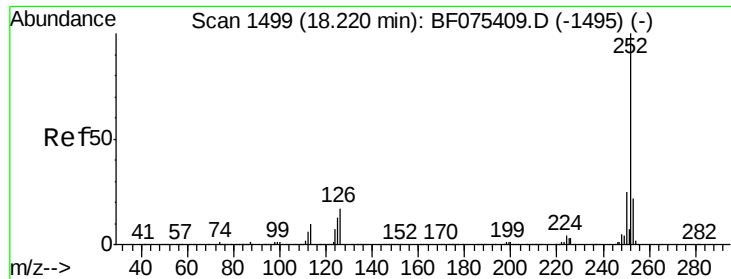
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	13.5	11.8	17.6



#88
Benzo(k)fluoranthene
Concen: 44.71 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.08 min
Lab File: BF075602.D
Acq: 17 Nov 2014 1:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.5	11.6	17.4





#89

Benzo(a)pyrene

Concen: 10.16 ng

RT: 18.06 min Scan# 1485

Delta R.T. -0.11 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B3-SS2(2-2.8)

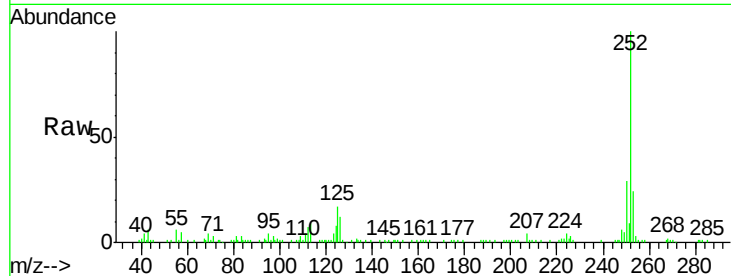
Tgt Ion: 252 Resp: 53173

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

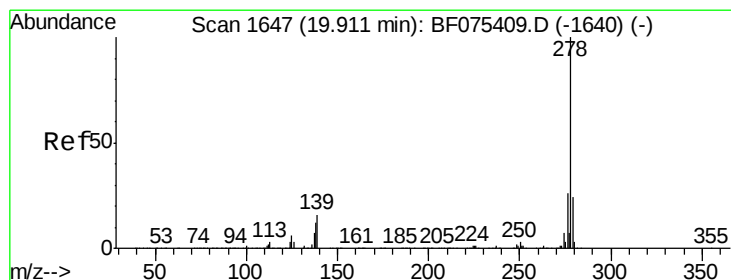
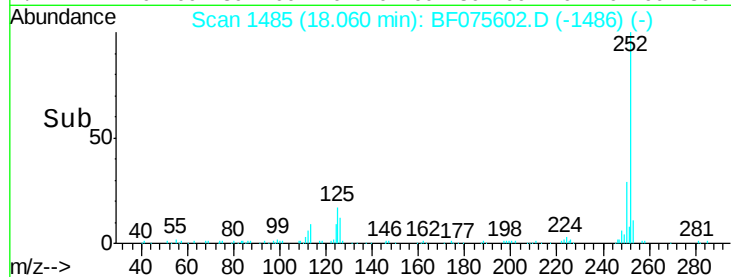
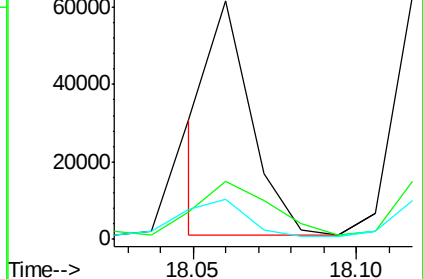
125 16.6 12.2 18.4



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



#90

Dibenzo(a,h)anthracene

Concen: 4.03 ng

RT: 19.77 min Scan# 1635

Delta R.T. -0.07 min

Lab File: BF075602.D

Acq: 17 Nov 2014 1:50

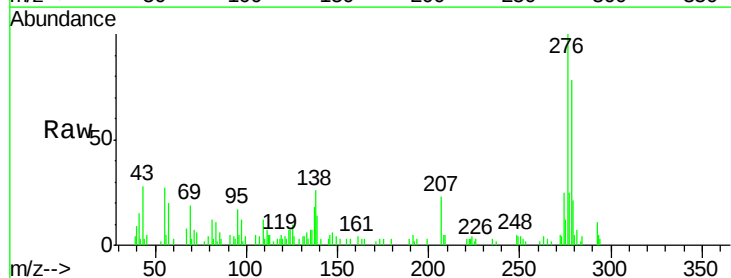
Tgt Ion: 278 Resp: 22014

Ion Ratio Lower Upper

278 100

139 17.6 13.6 20.4

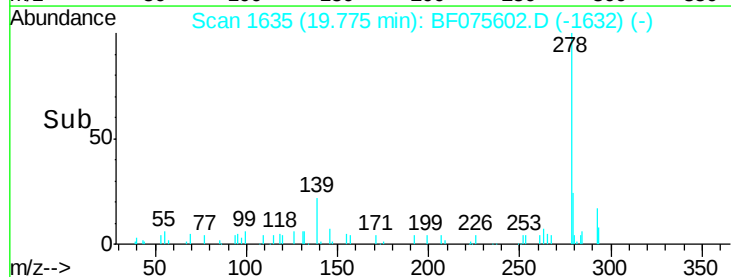
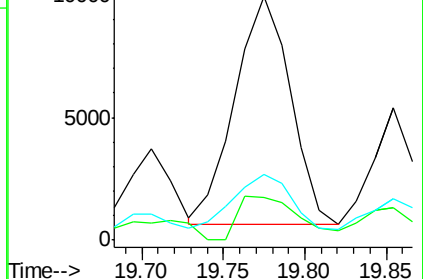
279 27.1 19.4 29.0

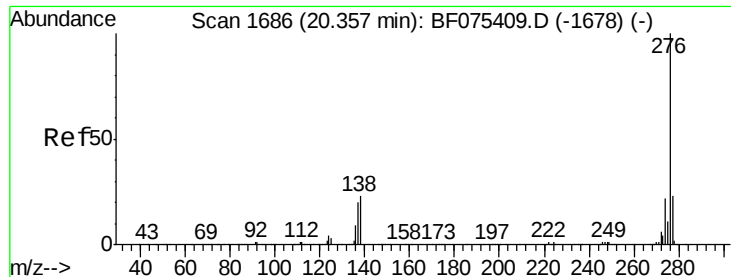


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 12.86 ng

RT: 20.22 min Scan# 1674

Delta R.T. -0.07 min

Lab File: BF075602.D

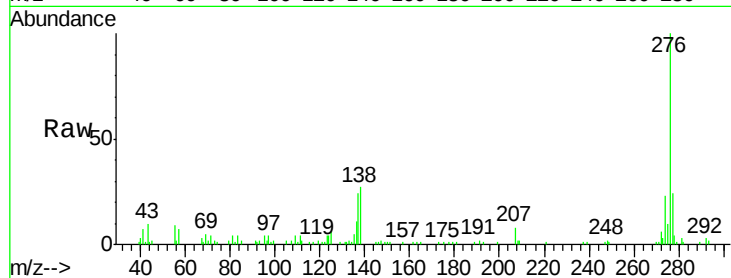
Acq: 17 Nov 2014 1:50

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B3-SS2(2-2.8)



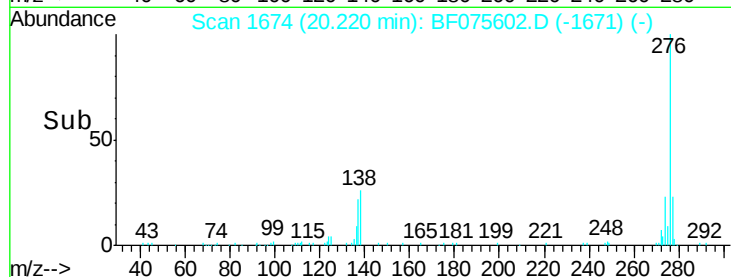
Tgt Ion: 276 Resp: 66976

Ion Ratio Lower Upper

276 100

277 24.1 17.8 26.8

138 27.1 22.8 34.2



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

