

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 07:45:07 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

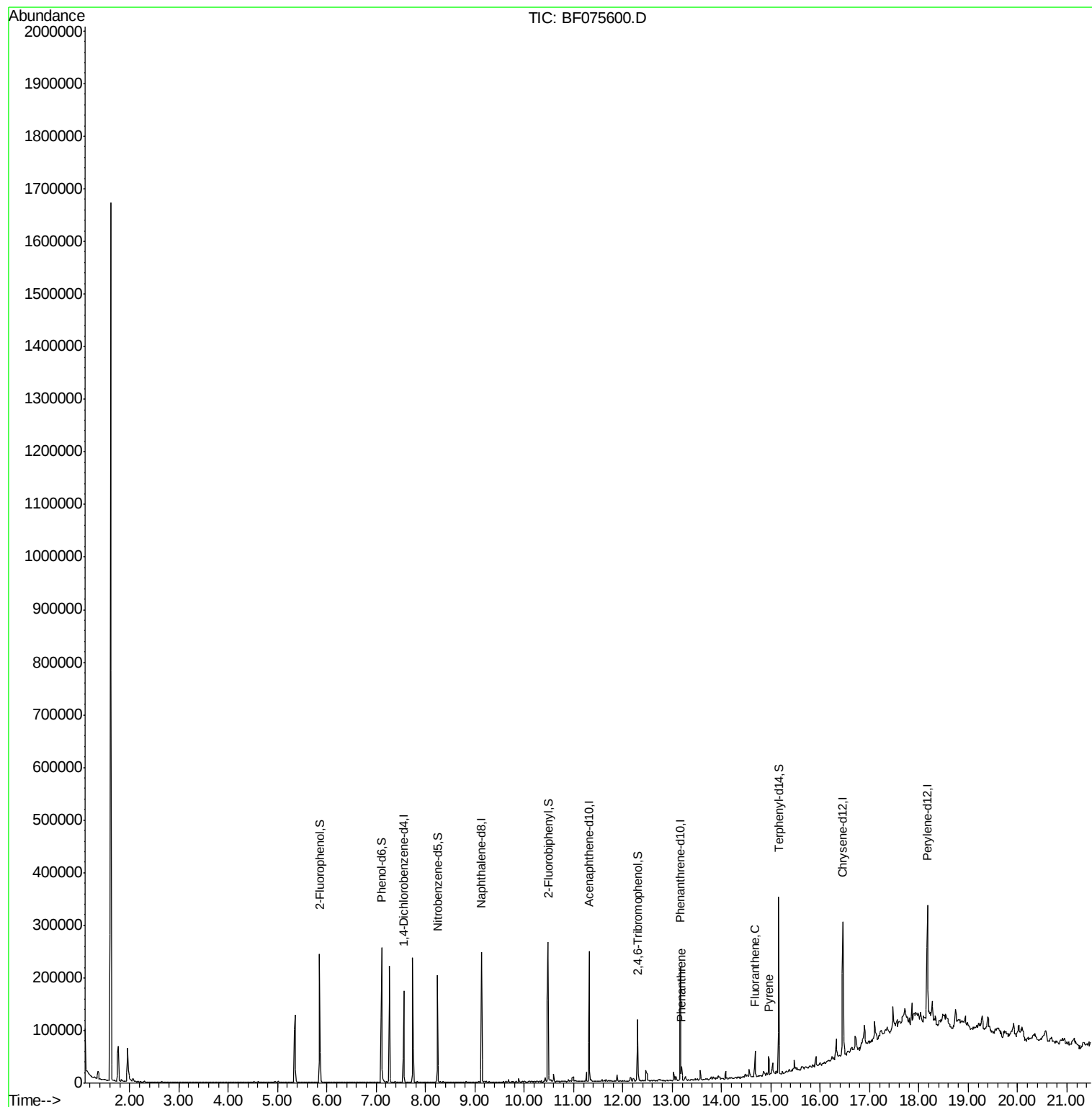
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	26180	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	111757	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	58217	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	101084	20.00	ng	0.00
75) Chrysene-d12	16.46	240	106916	20.00	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

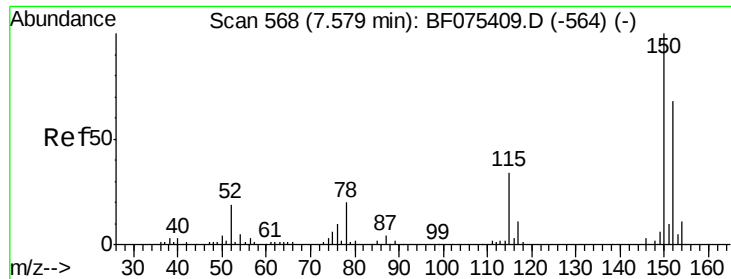
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF075600.D

Acq: 17 Nov 2014 00:53

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B1-SS2(2-3)

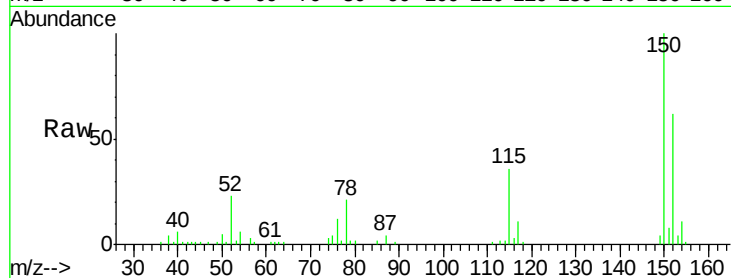
Tot Ion:152 Resp: 26180

Ion Ratio Lower Upper

152 100

150 162.3 127.2 190.8

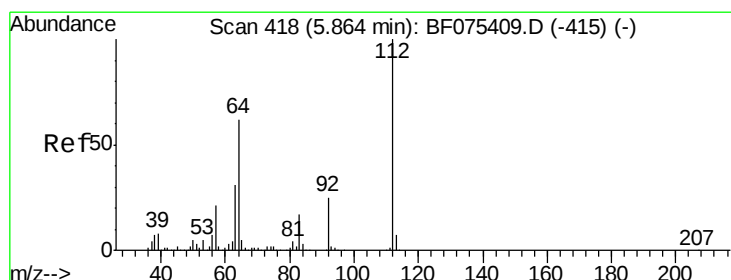
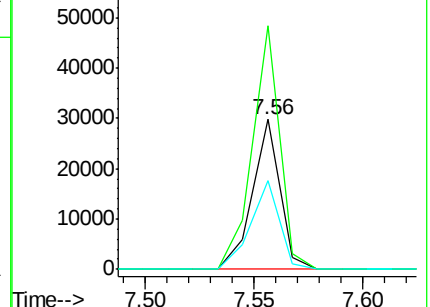
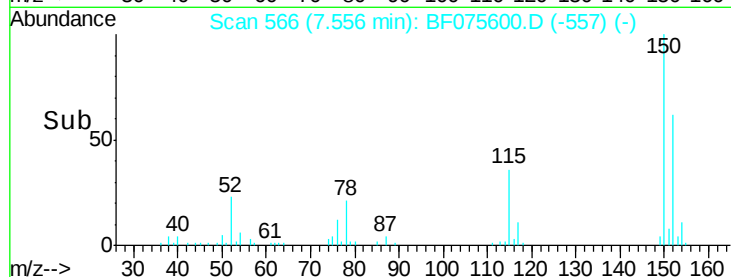
115 58.9 57.1 85.7



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

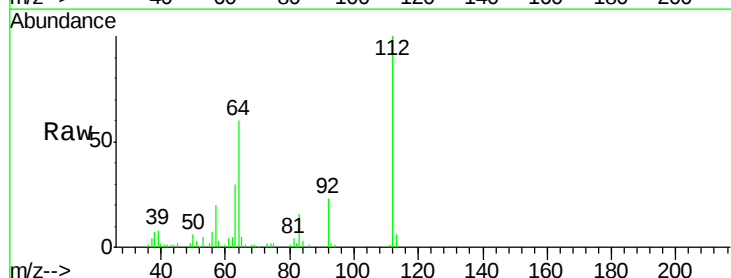
Tgt Ion:112 Resp: 68870

Ion Ratio Lower Upper

112 100

64 60.1 45.8 68.6

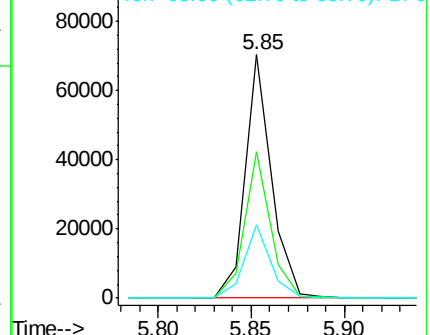
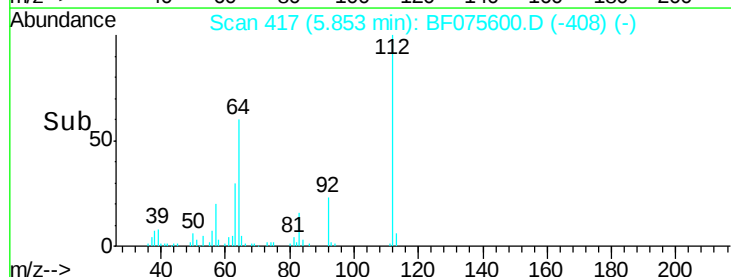
63 30.1 22.7 34.1

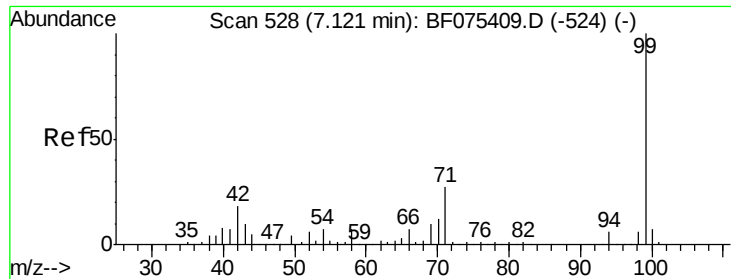


Abundance Ion 112.00 (111.70 to 112.70): E

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)

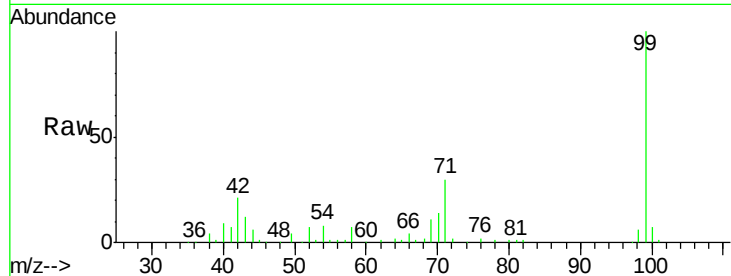
Tot Ion: 99 Resp: 94979

Ion Ratio Lower Upper

99 100

42 21.4 19.8 29.6

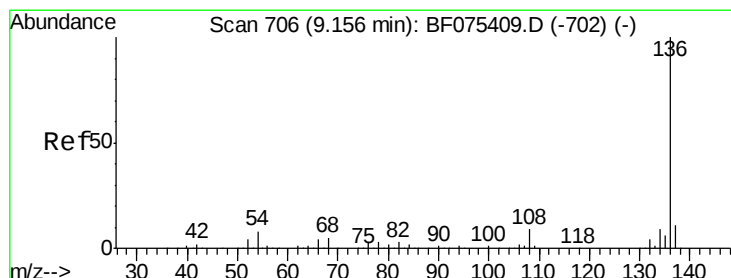
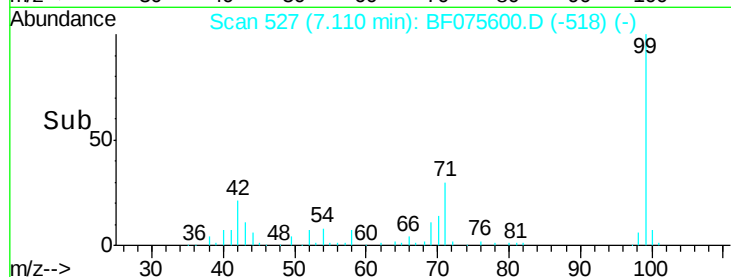
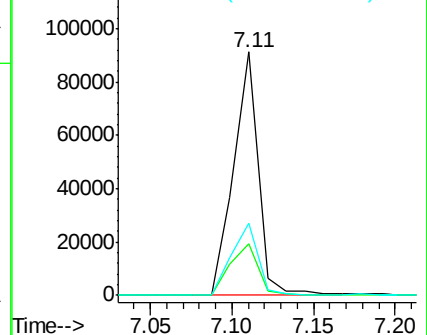
71 29.8 25.5 38.3



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

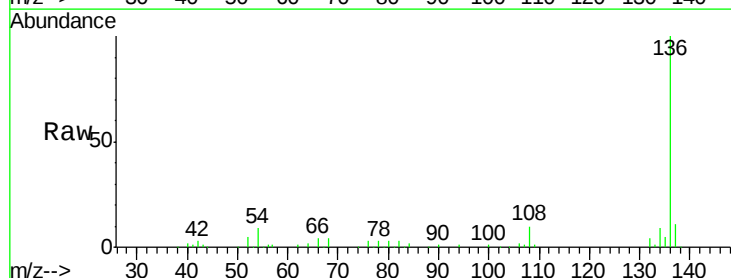
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 8.6 6.2 9.4

68 4.1 3.4 5.2

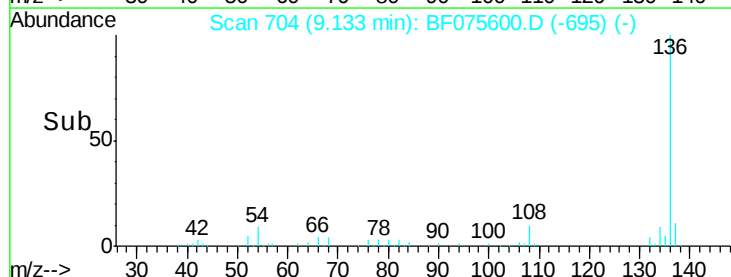
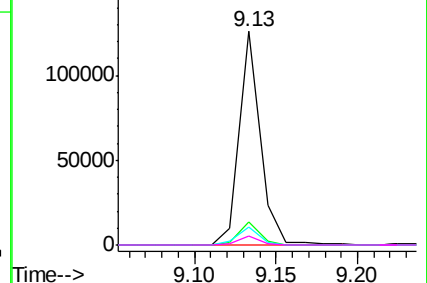


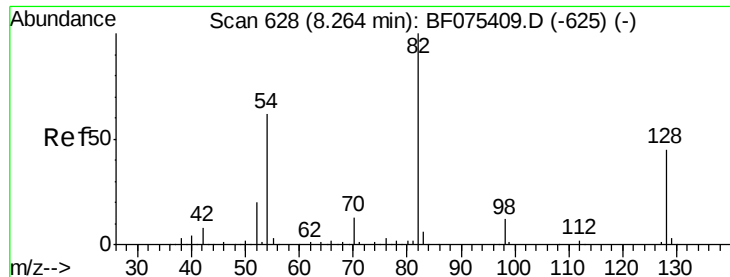
Abundance Ion 136.00 (135.70 to 136.70): E

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

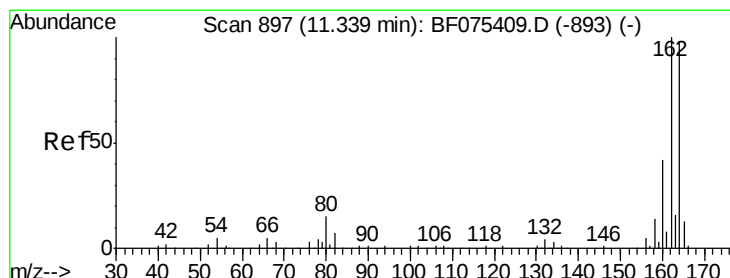
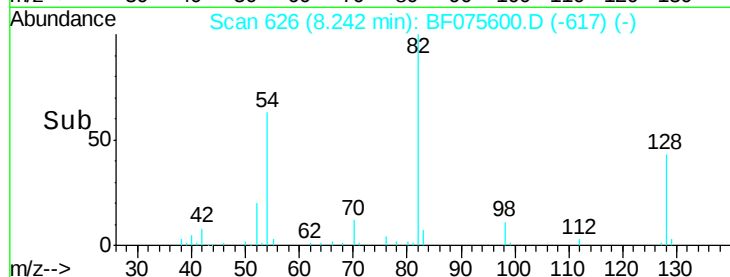
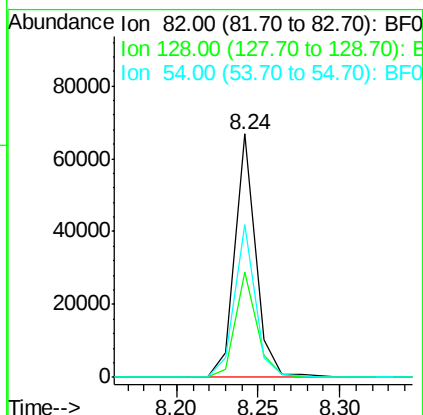
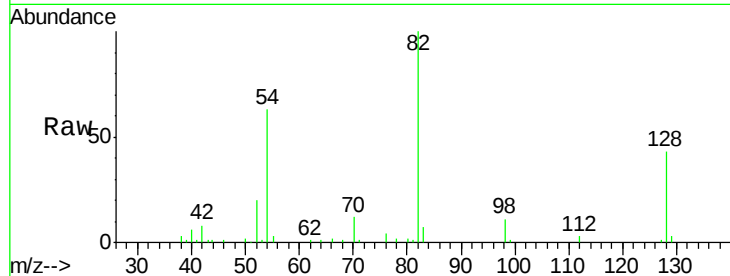




#23
 Nitrobenzene-d5
 Concen: 38.69 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075600.D
 Acq: 17 Nov 2014 00:53

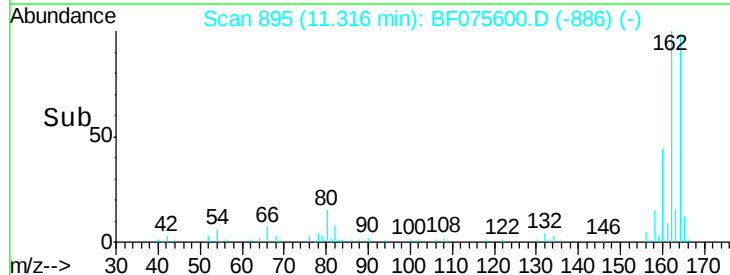
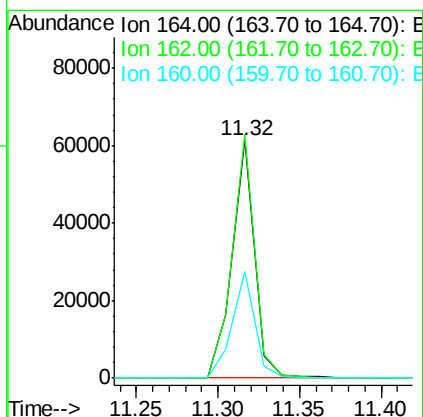
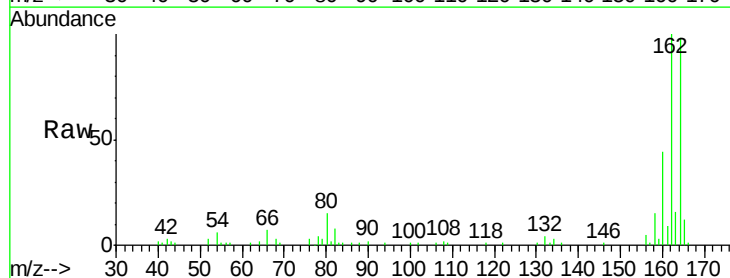
Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B1-SS2(2-3)

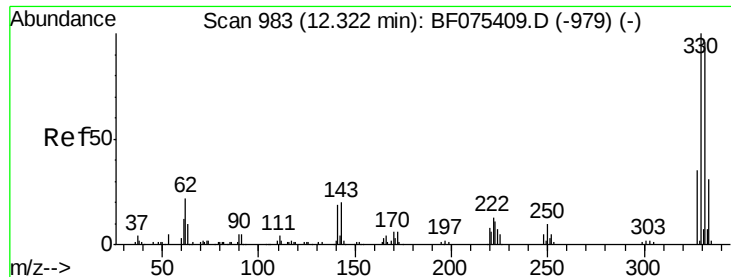
Tot Ion	82	Resp	58982
Ion Ratio	100	Lower	Upper
128	43.5	37.8	56.6
54	63.0	49.8	74.8



#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	100	Lower	Upper
162	102.3	79.1	118.7
160	44.6	34.6	51.8

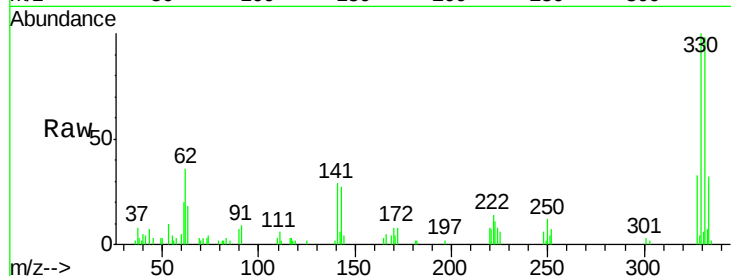




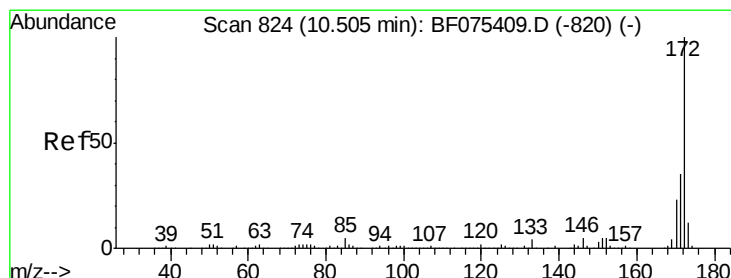
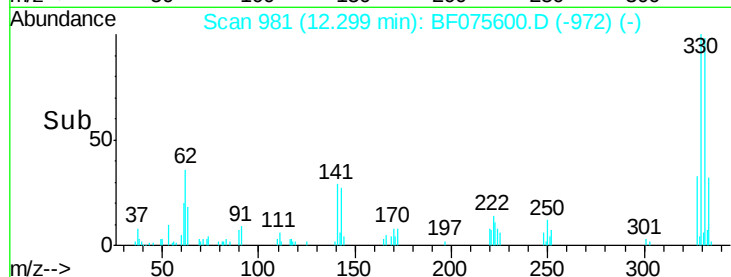
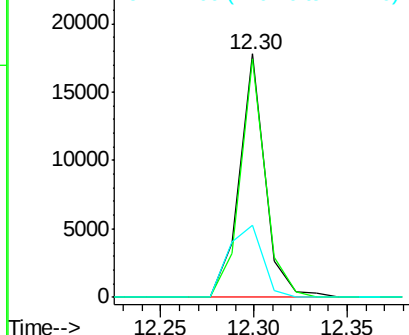
#41
 2,4,6-Tribromophenol
 Concen: 35.34 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075600.D
 Acq: 17 Nov 2014 00:53

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	74.5	111.7
141	38.8	30.7	46.1

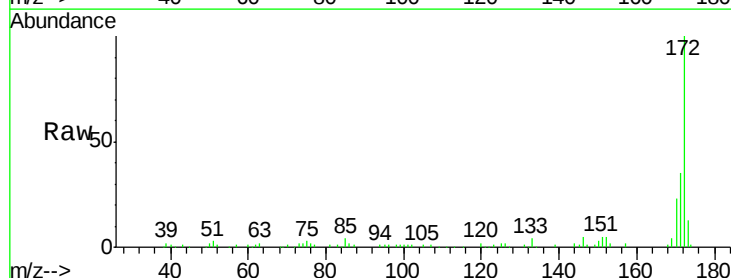


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

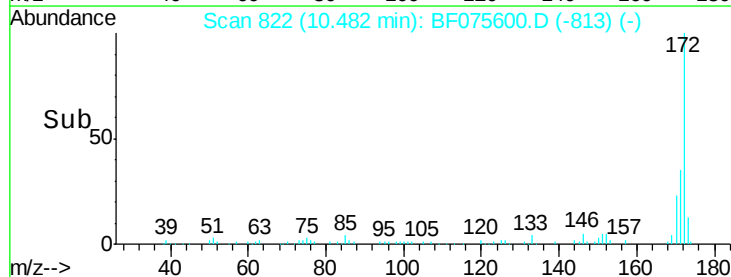
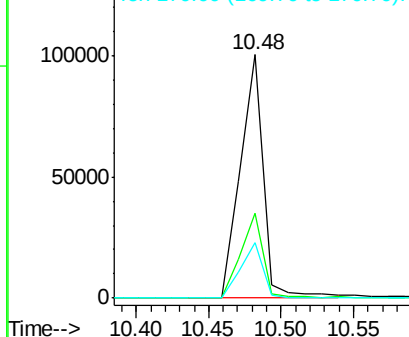


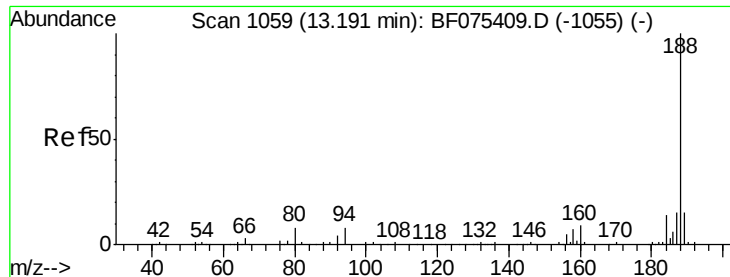
#44
 2-Fluorobiphenyl
 Concen: 34.29 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075600.D
 Acq: 17 Nov 2014 00:53

Tgt Ion	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

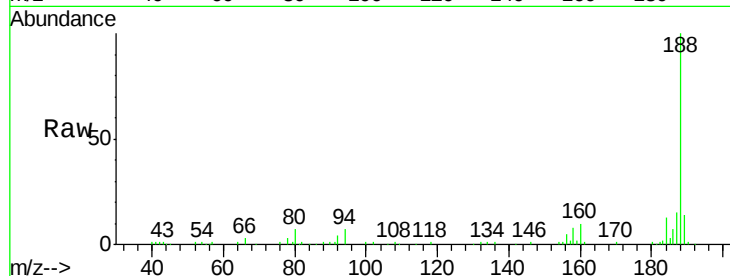




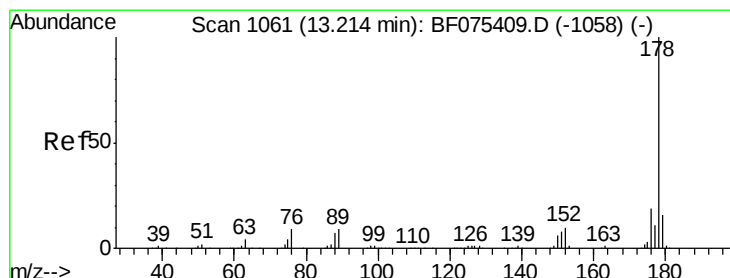
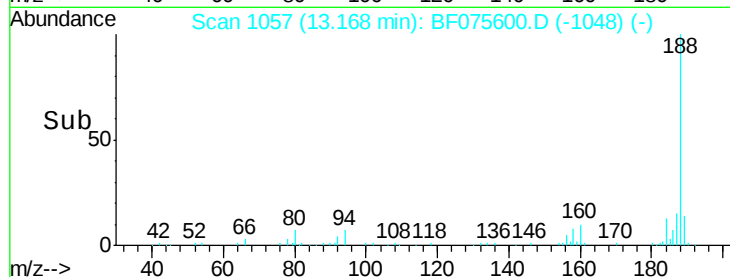
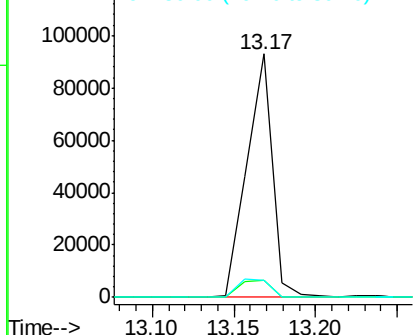
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075600.D
Acq: 17 Nov 2014 00:53

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

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

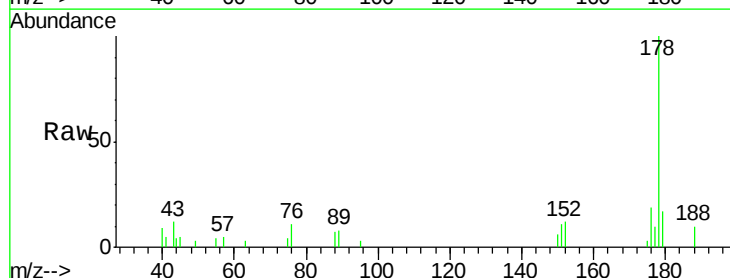


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

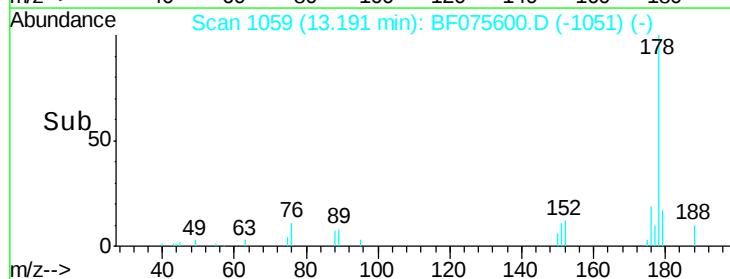
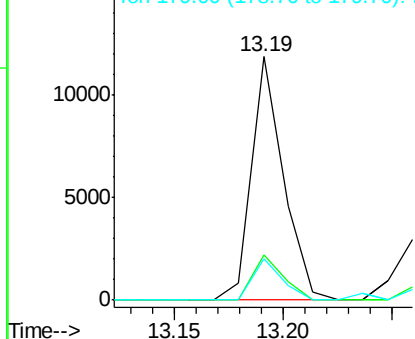


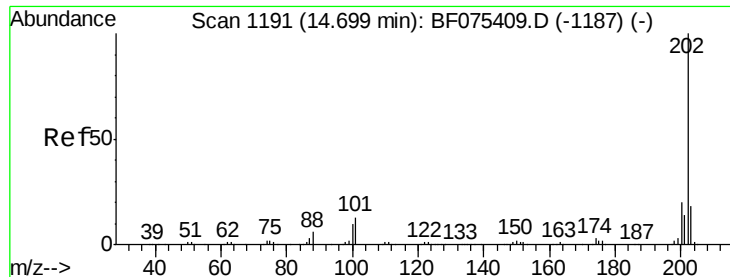
#70
Phenanthrene
Concen: 2.28 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF075600.D
Acq: 17 Nov 2014 00:53

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

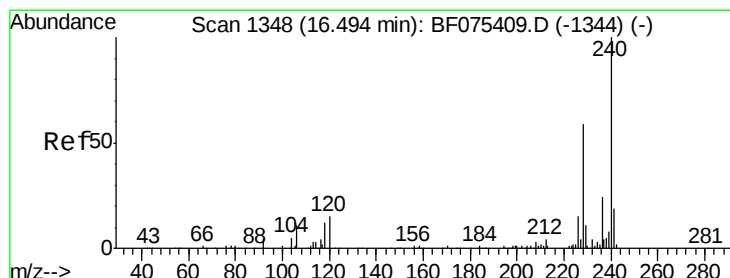
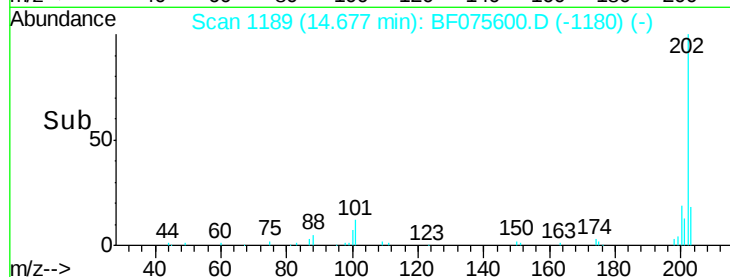
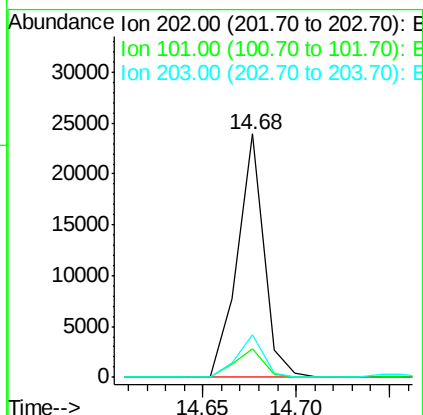
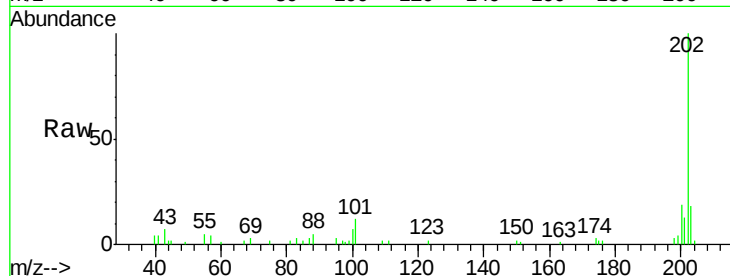




#74
 Fluoranthene
 Concen: 4.18 ng
 RT: 14.68 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF075600.D
 Acq: 17 Nov 2014 00:53

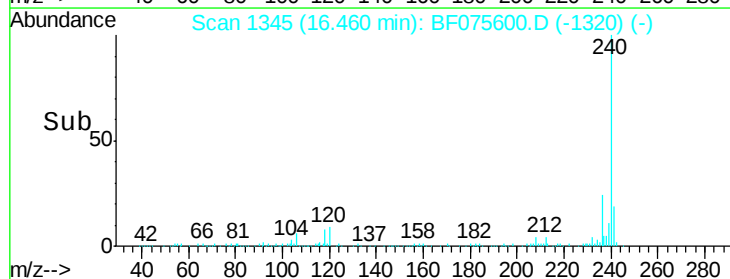
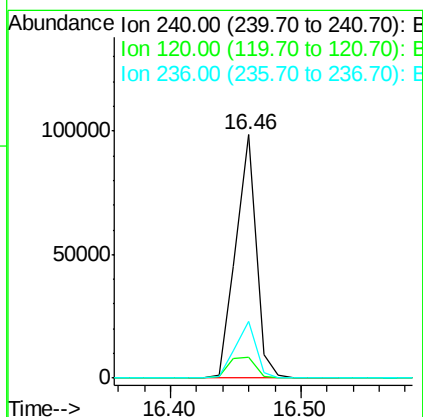
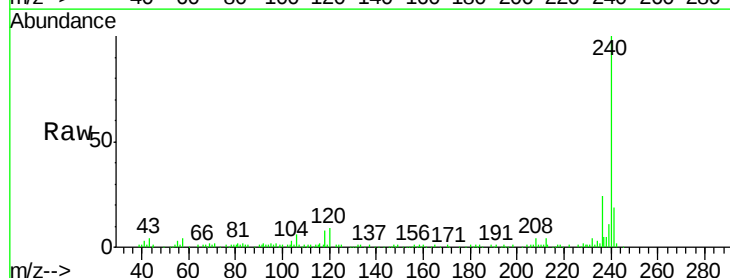
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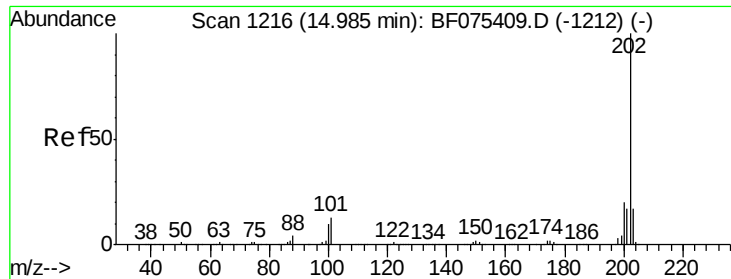
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	36.6
203	17.7	0.0	38.2



#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	Ratio	Lower	Upper
240	100		
120	8.6	9.6	14.4#
236	23.5	18.9	28.3





#77

Pvrene

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

ClientSampleId :

HUDPARK-B1-SS2(2-3)

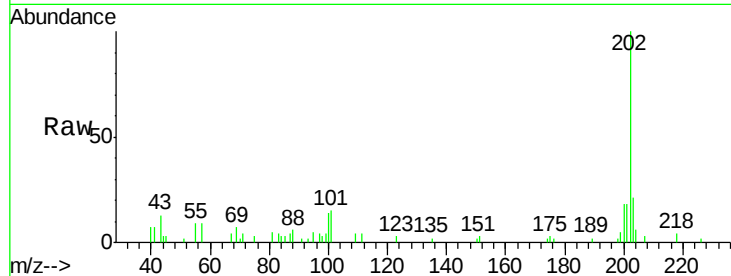
Tot Ion:202 Resp: 20709

Ion Ratio Lower Upper

202 100

200 18.2 16.8 25.2

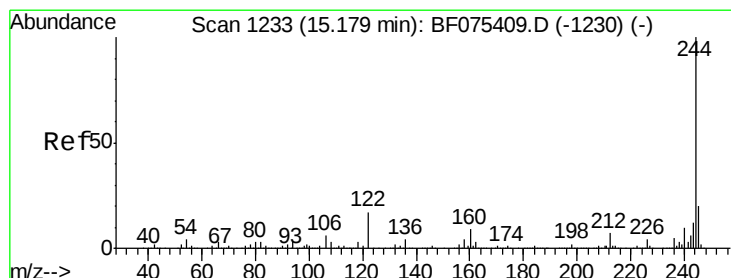
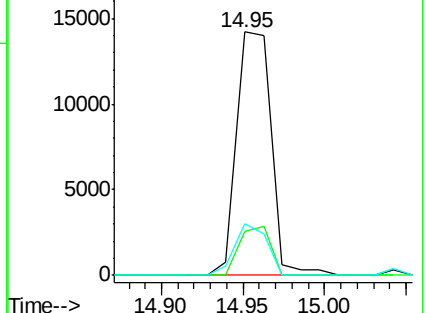
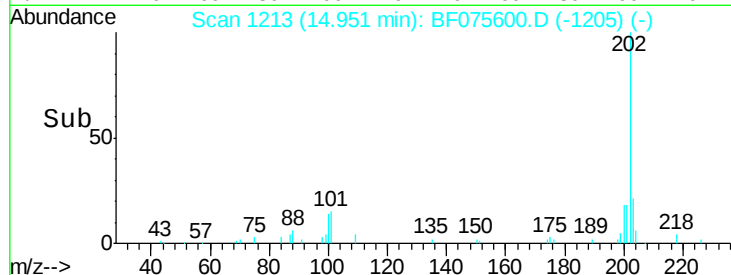
203 21.1 14.3 21.5



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: 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

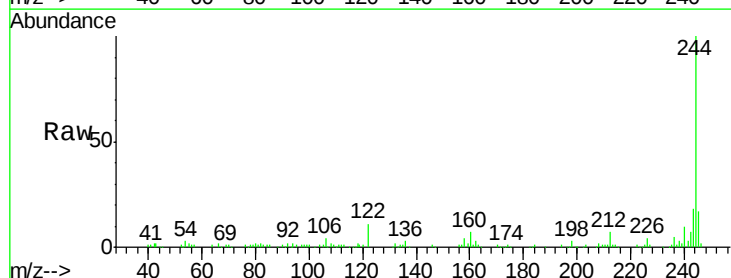
Tgt Ion:244 Resp: 110293

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

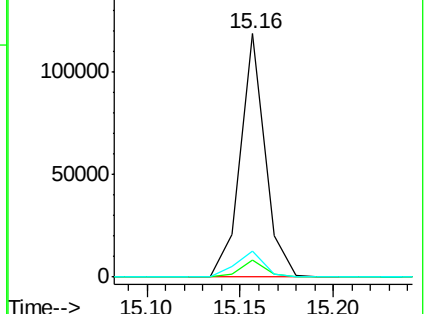
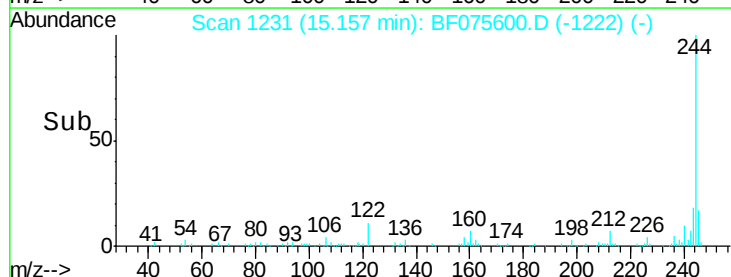
122 10.9 9.7 14.5

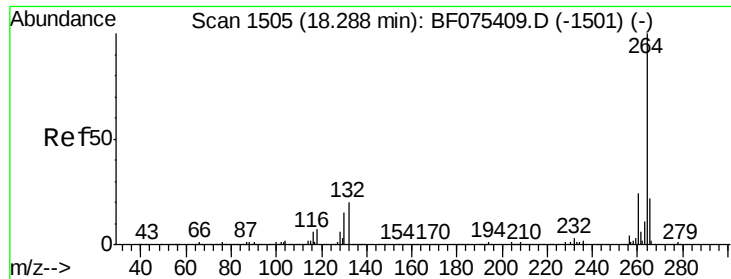


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

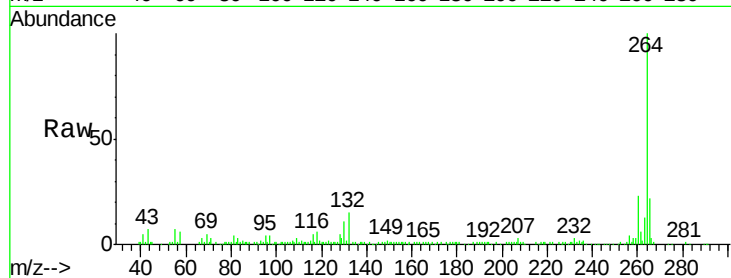




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.17 min Scan# 1495
Delta R.T. -0.07 min
Lab File: BF075600.D
Acq: 17 Nov 2014 00:53

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	22.1	16.3	24.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

