

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079473.D
 Acq On : 23 May 2015 13:10
 Operator : TP/IZ
 Sample : G2362-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-B

Quant Time: May 25 07:03:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 06:56:43 2015
 Response via : Initial Calibration

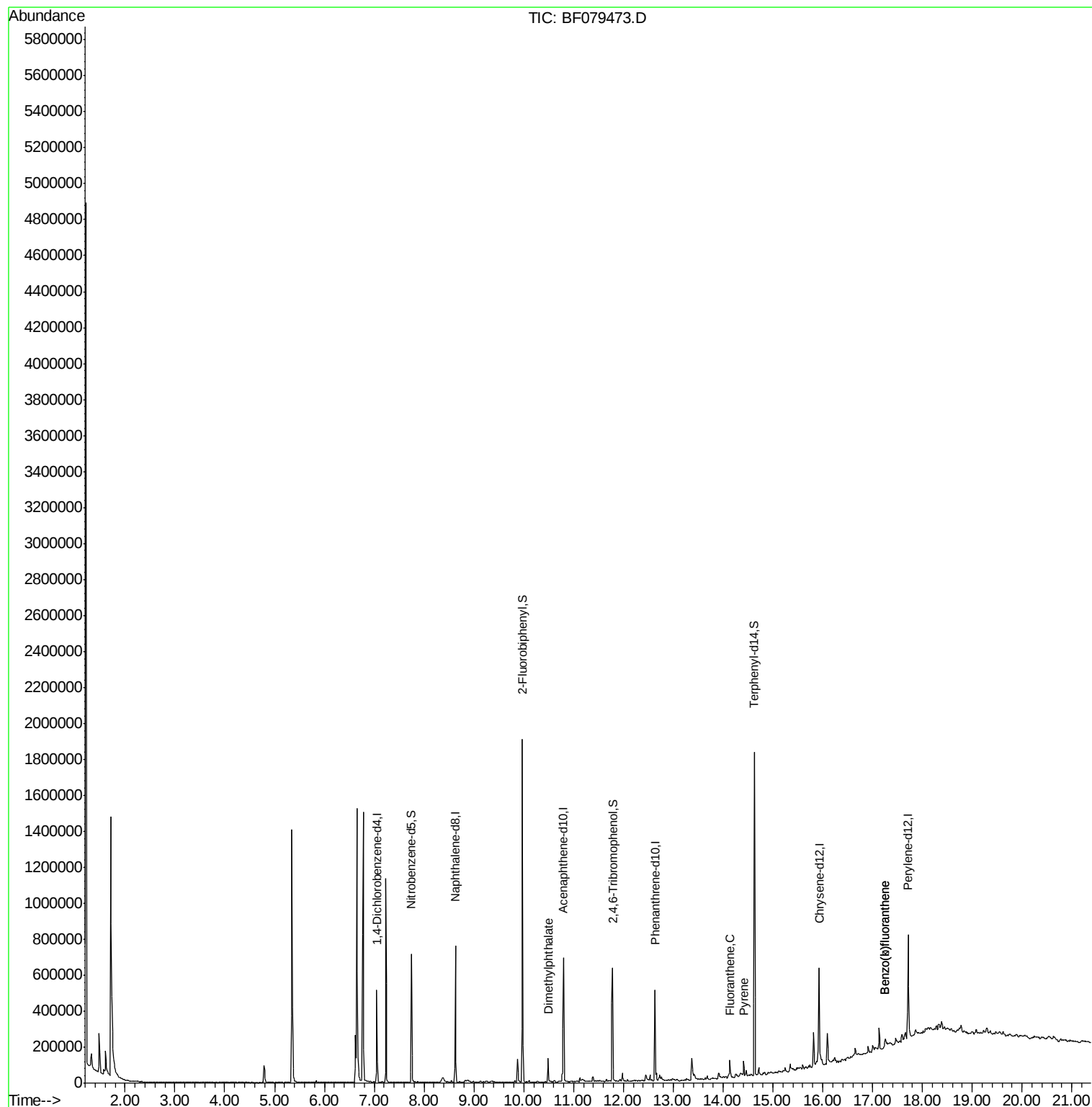
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	77730	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	327690	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	152943	20.00	ng	0.00
63) Phenanthrene-d10	12.64	188	282636	20.00	ng	0.01
75) Chrysene-d12	15.93	240	283711	20.00	ng	0.02
86) Perylene-d12	17.71	264	277679	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.75	82	221680	38.88	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	103361	62.47	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	570947	52.01	ng	0.00
78) Terphenyl-d14	14.63	244	623678	52.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.49	163	68024	6.06	ng	Qvalue 96
74) Fluoranthene	14.14	202	38290	2.32	ng	96
77) Pyrene	14.41	202	37831	2.31	ng	96
87) Benzo(b)fluoranthene	17.26	252	37028	2.44	ng	# 90
88) Benzo(k)fluoranthene	17.26	252	37028	2.52	ng	# 86

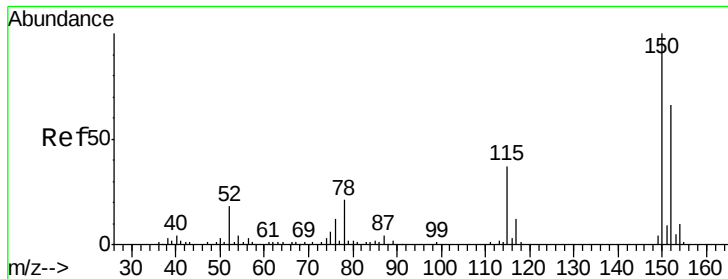
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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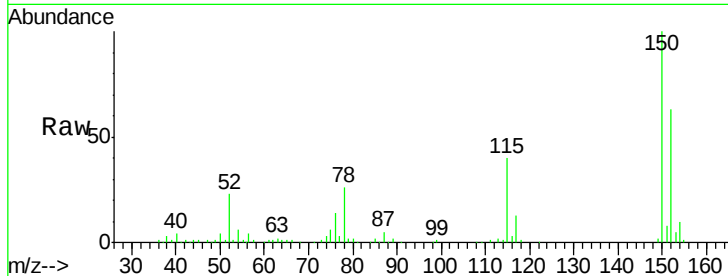




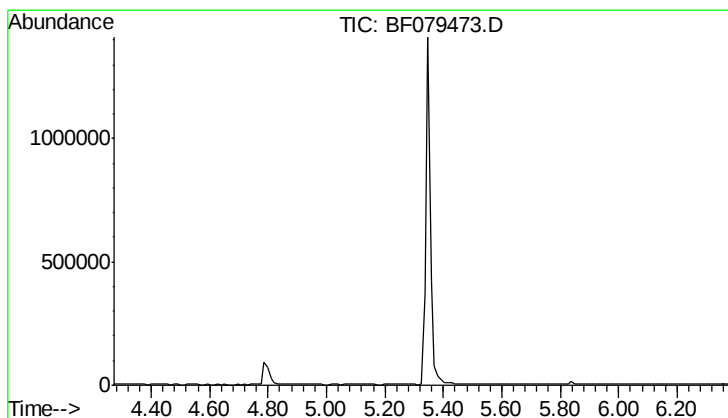
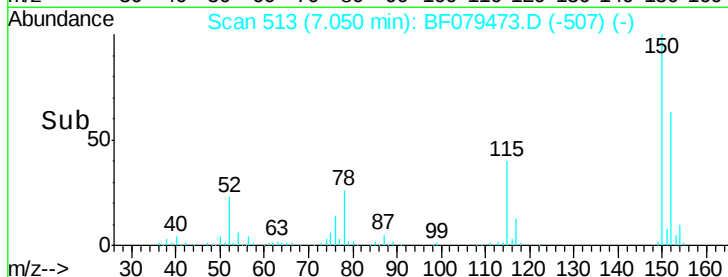
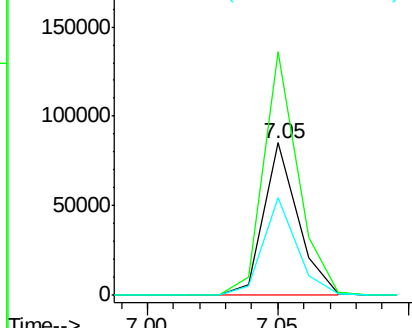
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079473.D
 Acq: 23 May 2015 13:10

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-B

Tgt Ion: 152 Resp: 77730
 Ion Ratio Lower Upper
 152 100
 150 160.0 123.8 185.8
 115 64.1 49.4 74.0

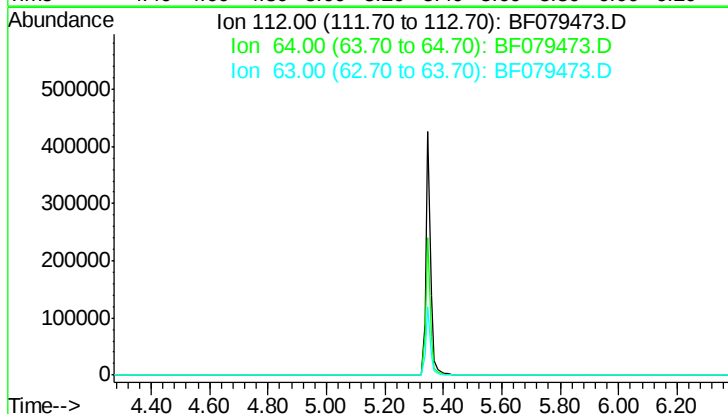


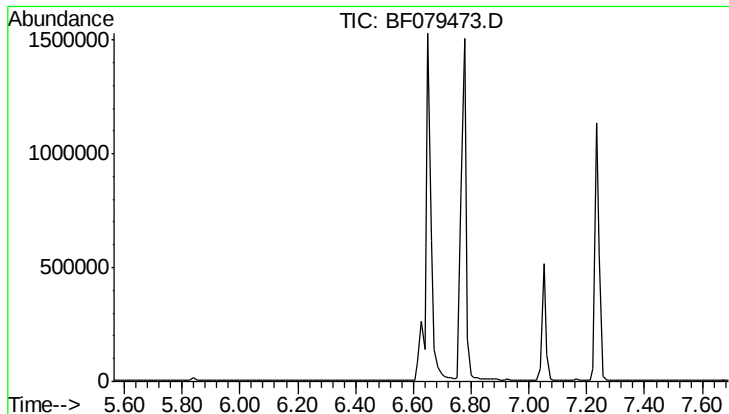
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min
 Lab File: BF079473.D
 Acq: 23 May 2015 13:10

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 55.2
 63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.63 min

Lab File: BF079473.D

Acq: 23 May 2015 13:10

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-B

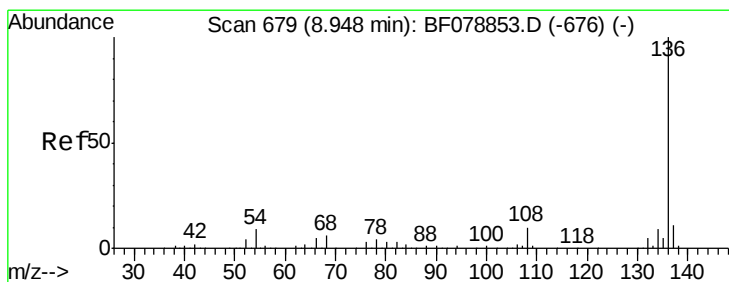
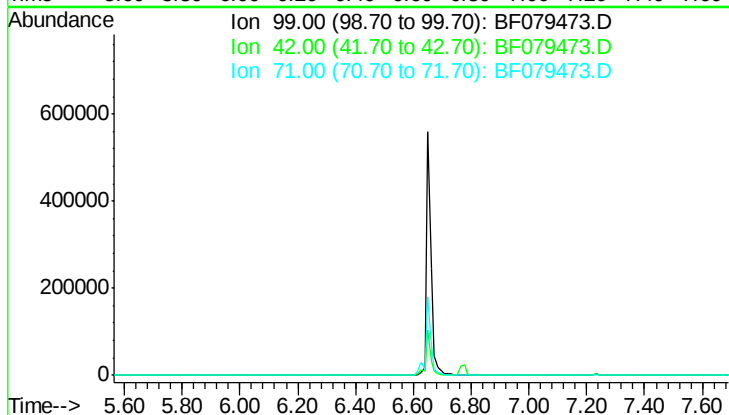
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF079473.D

Acq: 23 May 2015 13:10

Tgt Ion:136 Resp: 327690

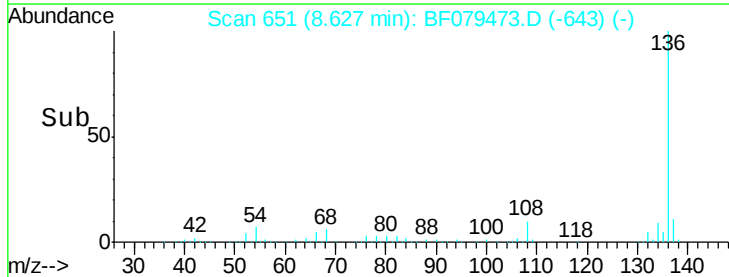
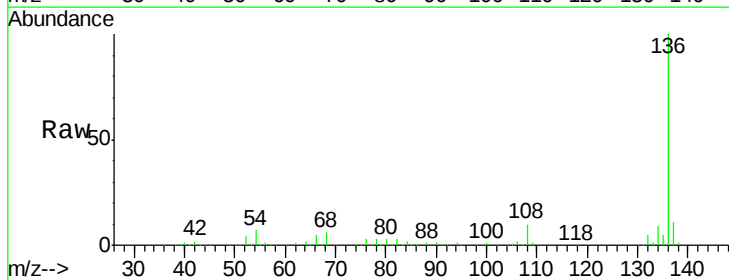
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.3 6.9 10.3

68 5.8 4.9 7.3

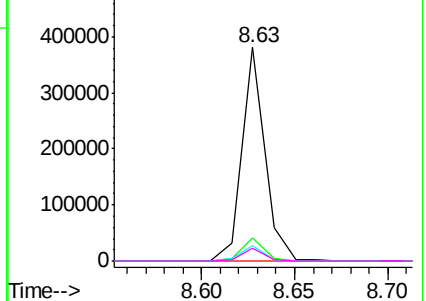


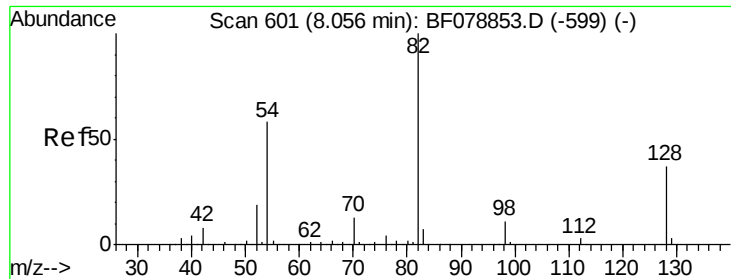
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 38.88 ng

RT: 7.75 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF079473.D

Acq: 23 May 2015 13:10

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-B

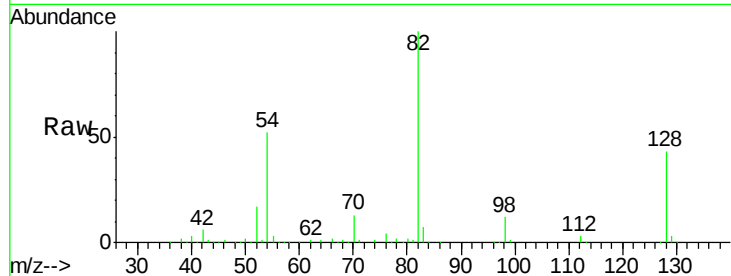
Tgt Ion: 82 Resp: 221680

Ion Ratio Lower Upper

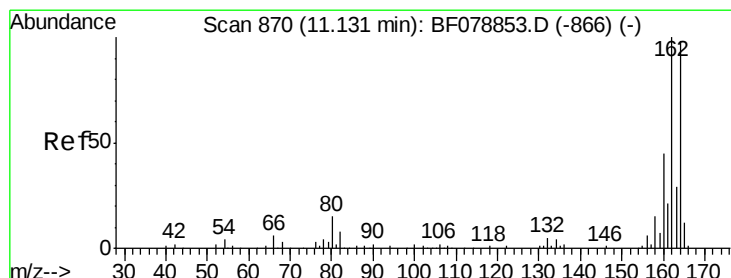
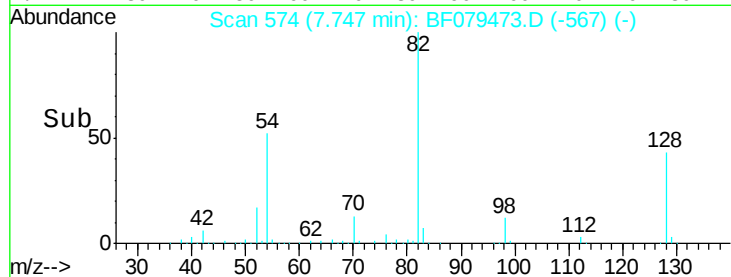
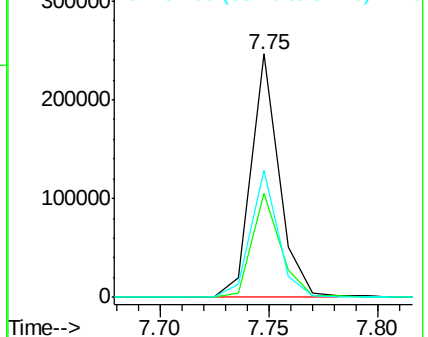
82 100

128 42.9 29.7 44.5

54 52.3 46.2 69.4



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF079473.D

Acq: 23 May 2015 13:10

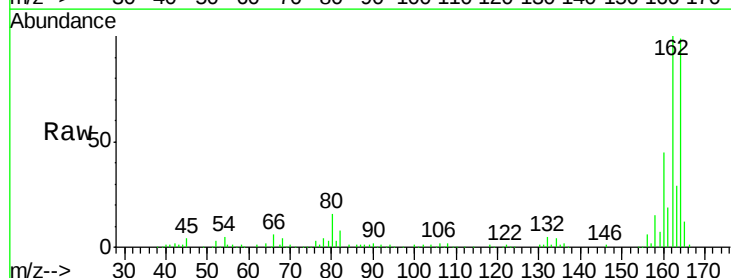
Tgt Ion: 164 Resp: 152943

Ion Ratio Lower Upper

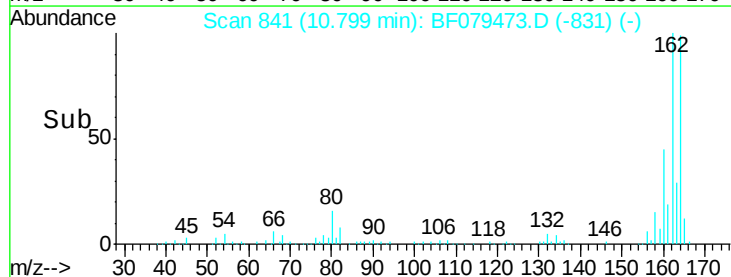
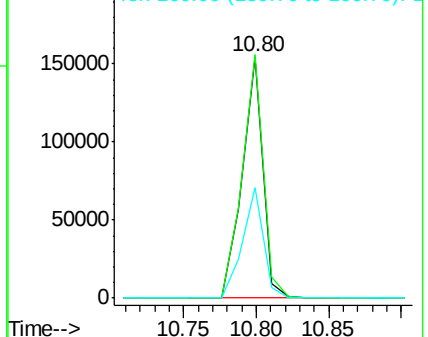
164 100

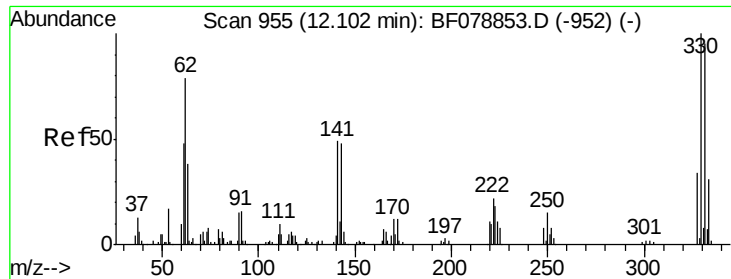
162 100.7 81.4 122.0

160 45.5 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

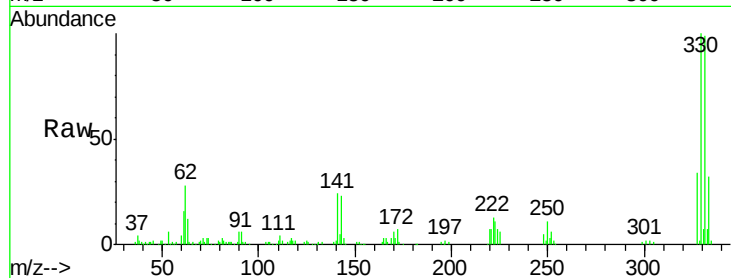




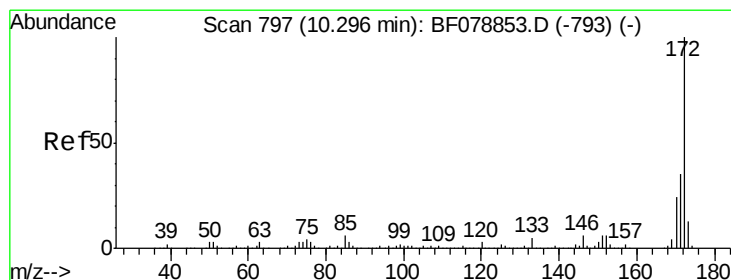
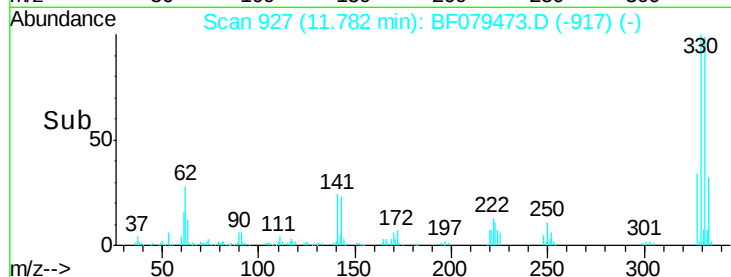
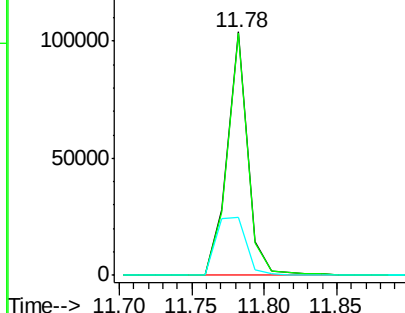
#41
 2,4,6-Tribromophenol
 Concen: 62.47 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF079473.D
 Acq: 23 May 2015 13:10

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-015-B

Tgt Ion:330 Resp: 103361
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.9 115.3
 141 35.2 27.8 41.8

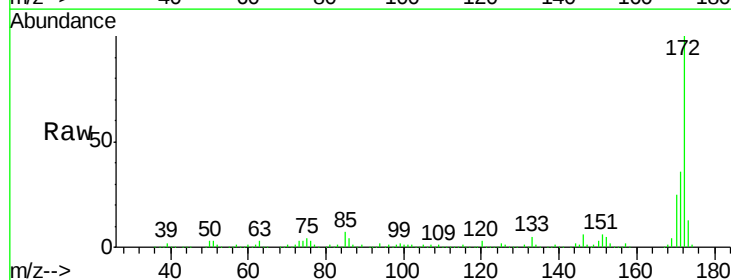


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

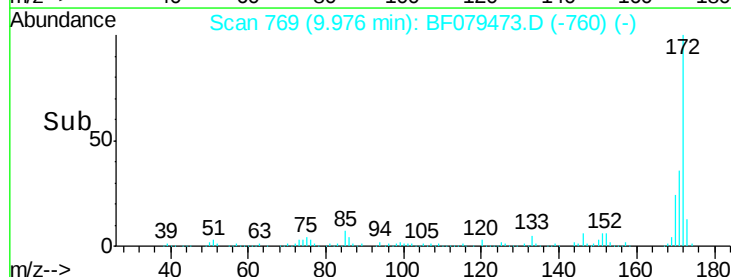
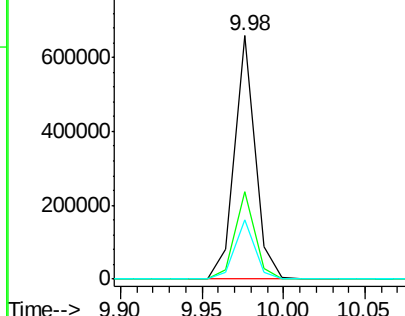


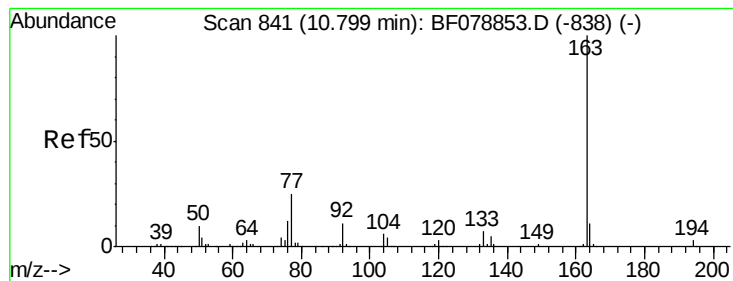
#44
 2-Fluorobiphenyl
 Concen: 52.01 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF079473.D
 Acq: 23 May 2015 13:10

Tgt Ion:172 Resp: 570947
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 24.5 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.06 ng

RT: 10.49 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF079473.D

Acq: 23 May 2015 13:10

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-B

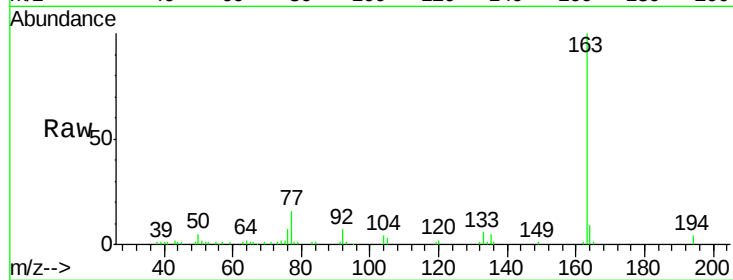
Tgt Ion:163 Resp: 68024

Ion Ratio Lower Upper

163 100

194 3.6 2.4 3.6

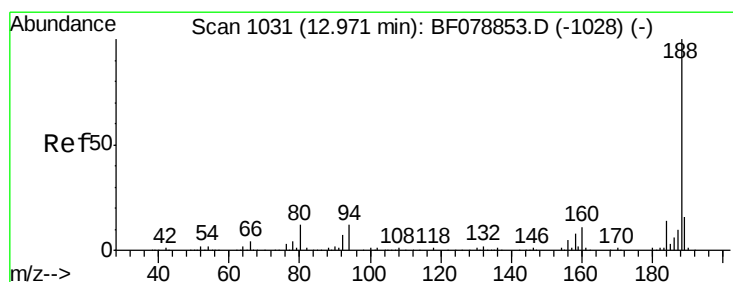
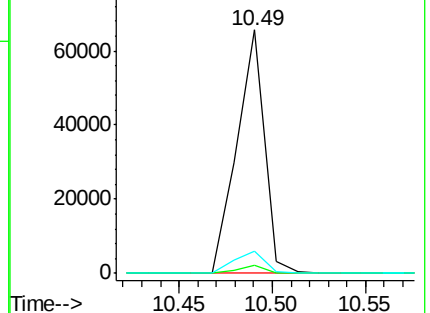
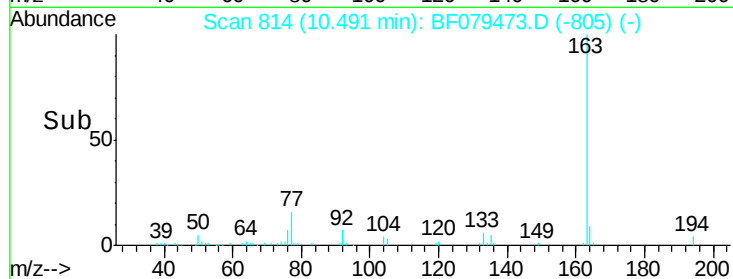
164 9.2 8.6 12.8



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: 12.64 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF079473.D

Acq: 23 May 2015 13:10

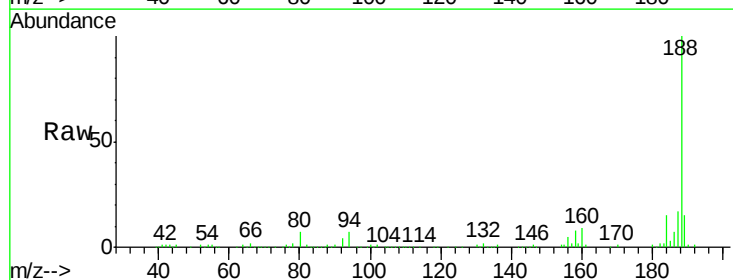
Tgt Ion:188 Resp: 282636

Ion Ratio Lower Upper

188 100

94 7.1 9.4 14.0#

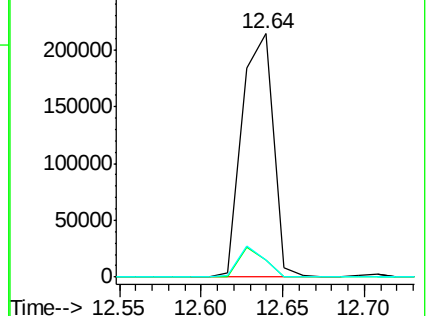
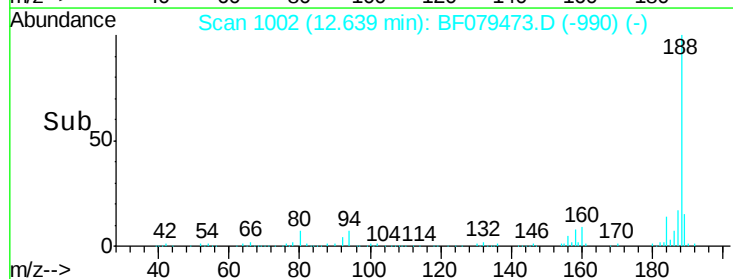
80 7.2 9.8 14.6#

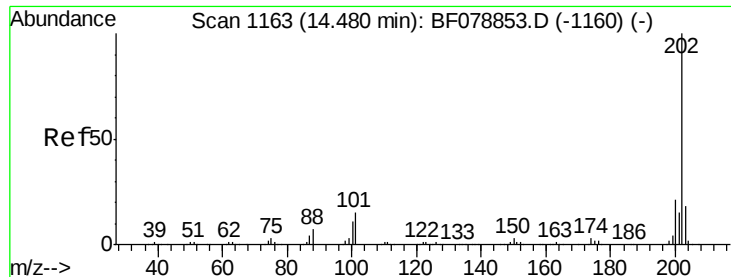


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

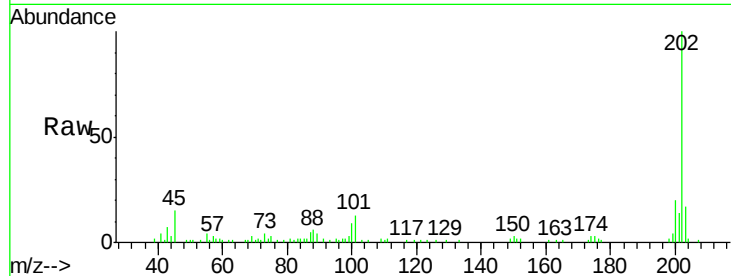




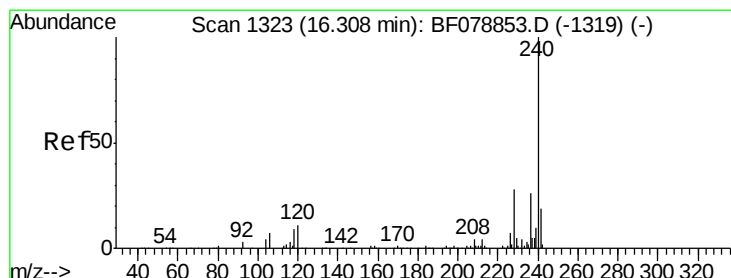
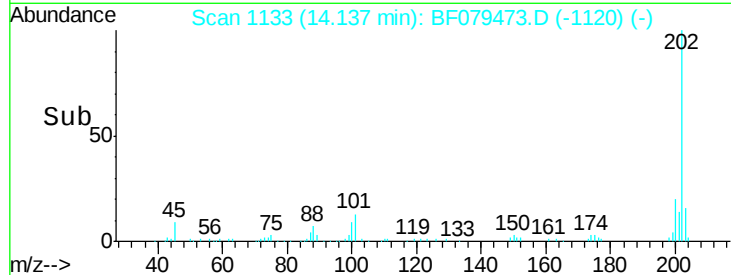
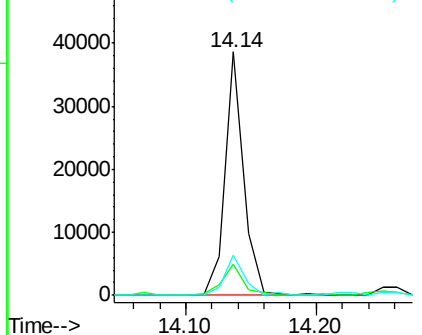
#74
Fluoranthene
Concen: 2.32 ng
RT: 14.14 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF079473.D
Acq: 23 May 2015 13:10

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-015-B

Tgt Ion: 202 Resp: 38290
Ion Ratio Lower Upper
202 100
101 12.8 0.0 34.7
203 16.7 0.0 37.9

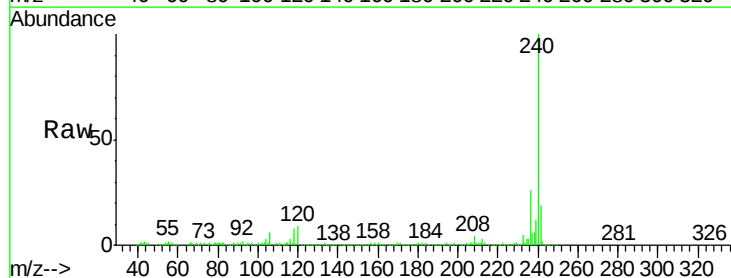


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

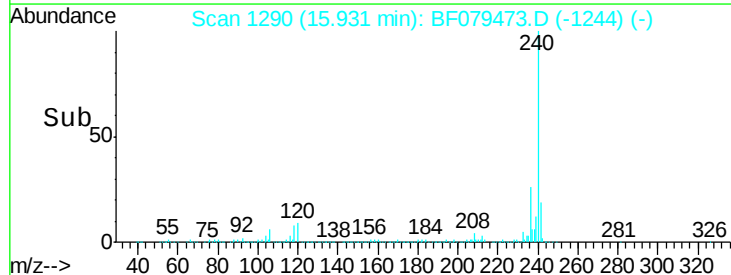
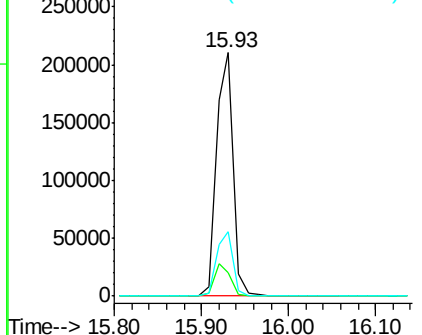


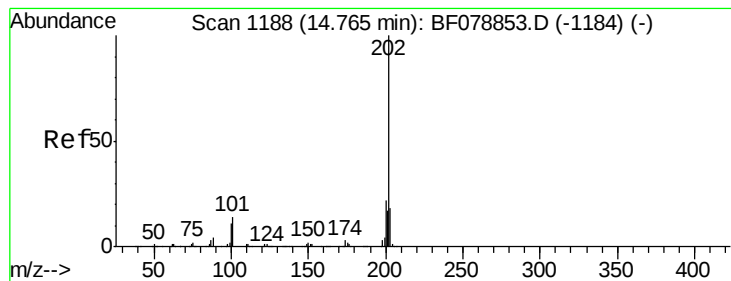
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1290
Delta R.T. 0.02 min
Lab File: BF079473.D
Acq: 23 May 2015 13:10

Tgt Ion: 240 Resp: 283711
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 26.4 21.0 31.6



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: 2.31 ng

RT: 14.41 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF079473.D

Acq: 23 May 2015 13:10

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-B

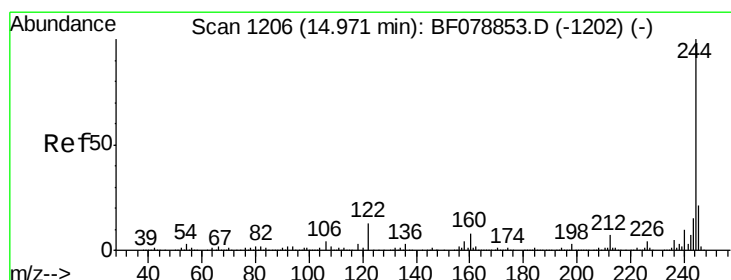
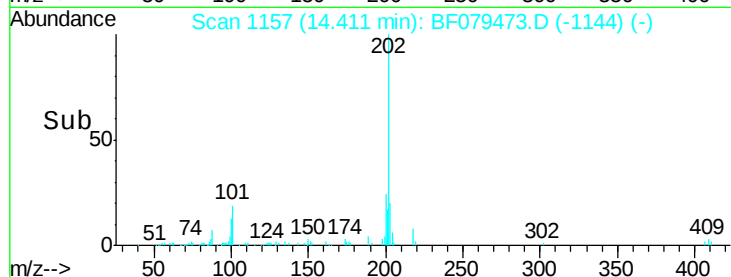
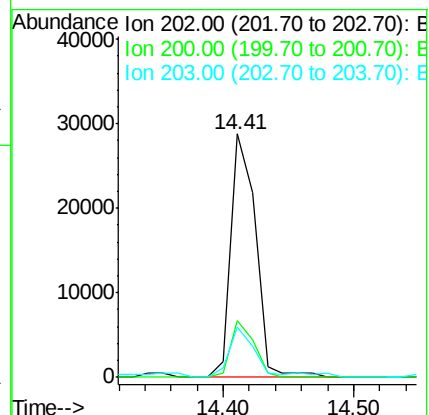
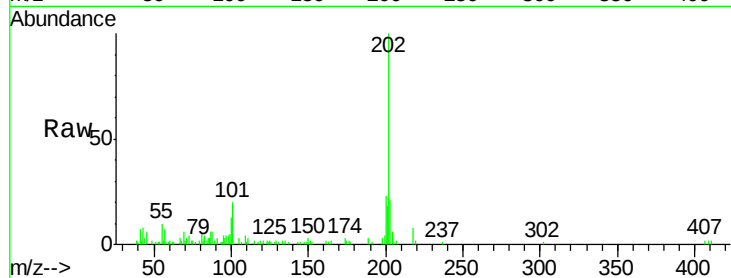
Tgt Ion:202 Resp: 37831

Ion Ratio Lower Upper

202 100

200 23.2 17.5 26.3

203 20.6 14.7 22.1



#78

Terphenyl-d14

Concen: 52.63 ng

RT: 14.63 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF079473.D

Acq: 23 May 2015 13:10

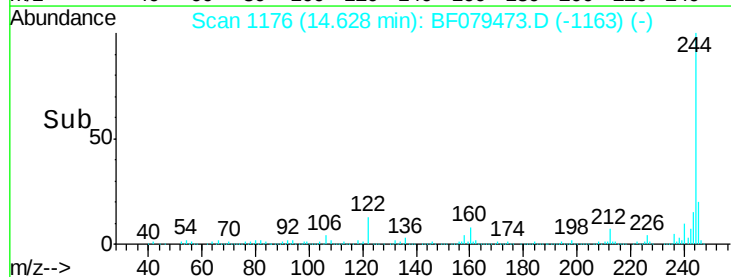
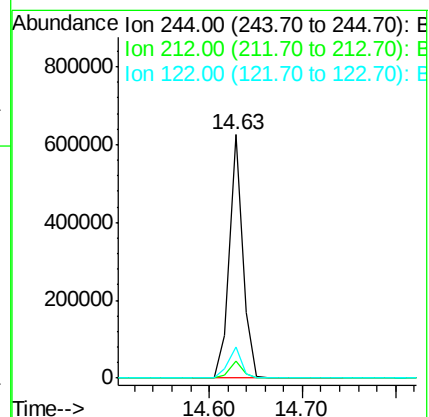
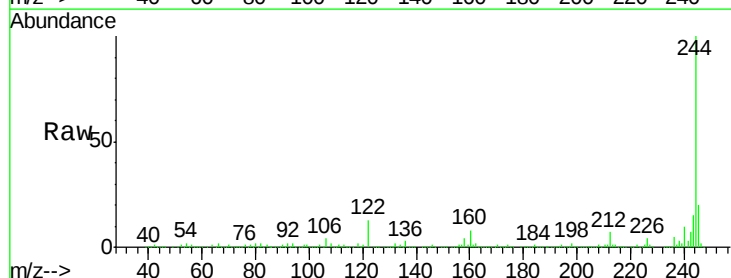
Tgt Ion:244 Resp: 623678

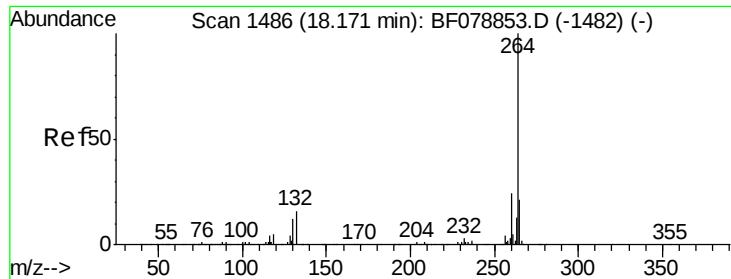
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 13.0 10.5 15.7



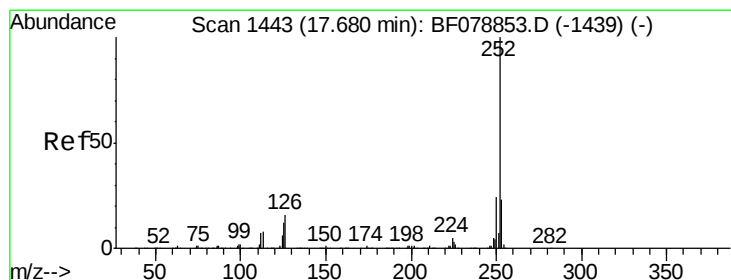
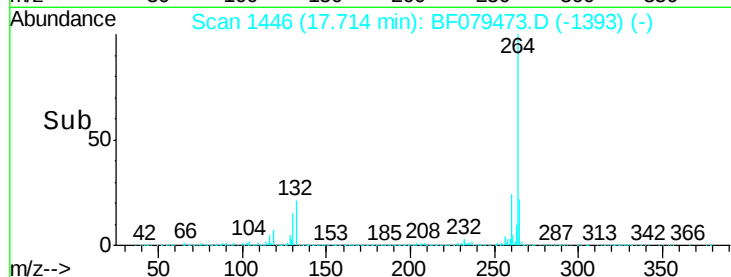
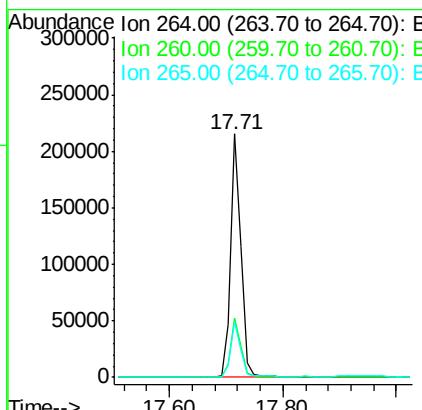
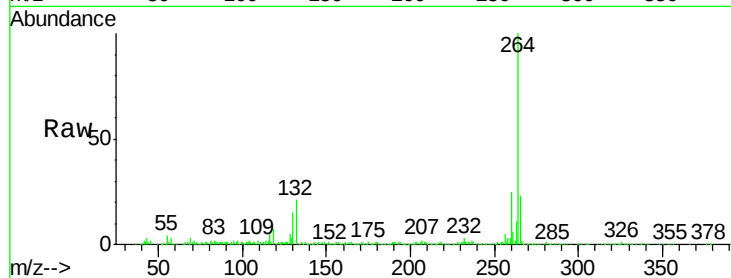


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. 0.10 min
Lab File: BF079473.D
Acq: 23 May 2015 13:10

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-015-B

Tgt Ion: 264 Resp: 277679

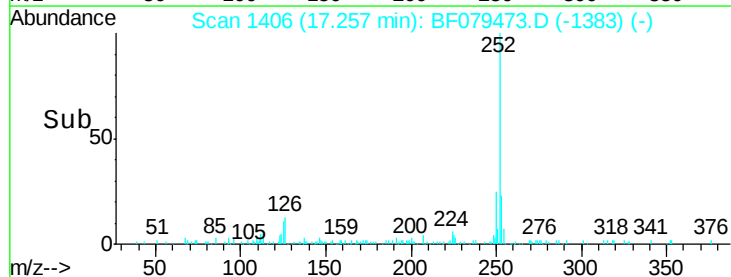
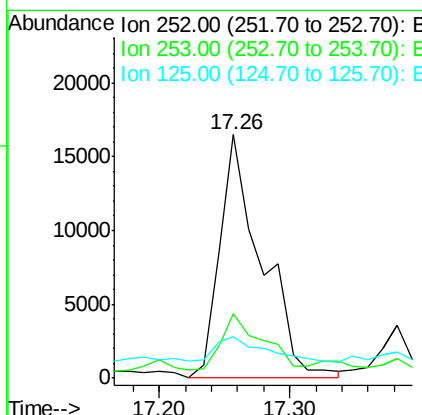
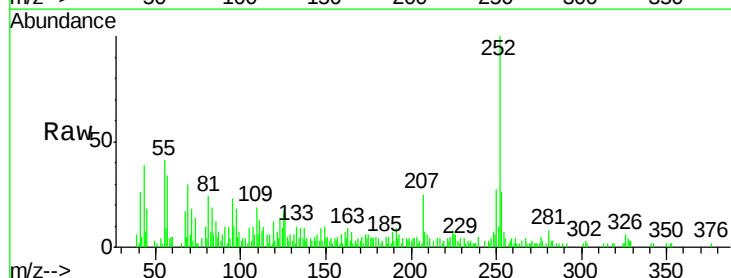
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.6	17.2	25.8

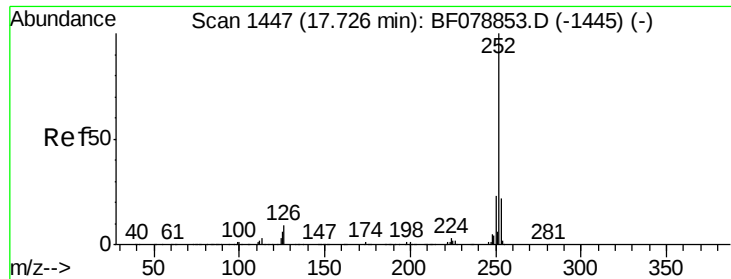


#87
Benzo(b)fluoranthene
Concen: 2.44 ng
RT: 17.26 min Scan# 1406
Delta R.T. 0.08 min
Lab File: BF079473.D
Acq: 23 May 2015 13:10

Tgt Ion: 252 Resp: 37028

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.1	27.1
125	16.8	9.4	14.2





#88

Benzo(k)fluoranthene

Concen: 2.52 ng

RT: 17.26 min Scan# 1406

Delta R.T. 0.06 min

Lab File: BF079473.D

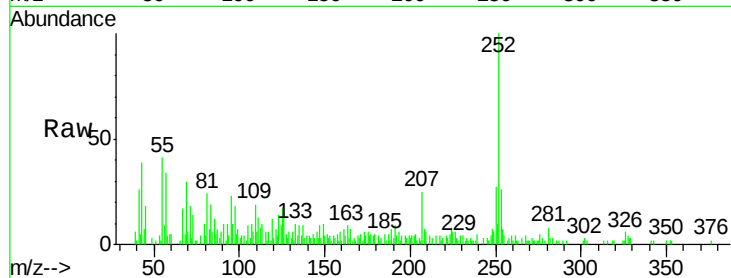
Acq: 23 May 2015 13:10

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-B



Tgt Ion: 252 Resp: 37028

Ion Ratio Lower Upper

252 100

253 26.5 17.4 26.0#

125 16.8 6.1 9.1#

