

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079472.D
 Acq On : 23 May 2015 12:41
 Operator : TP/IZ
 Sample : G2362-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: May 25 07:03:24 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

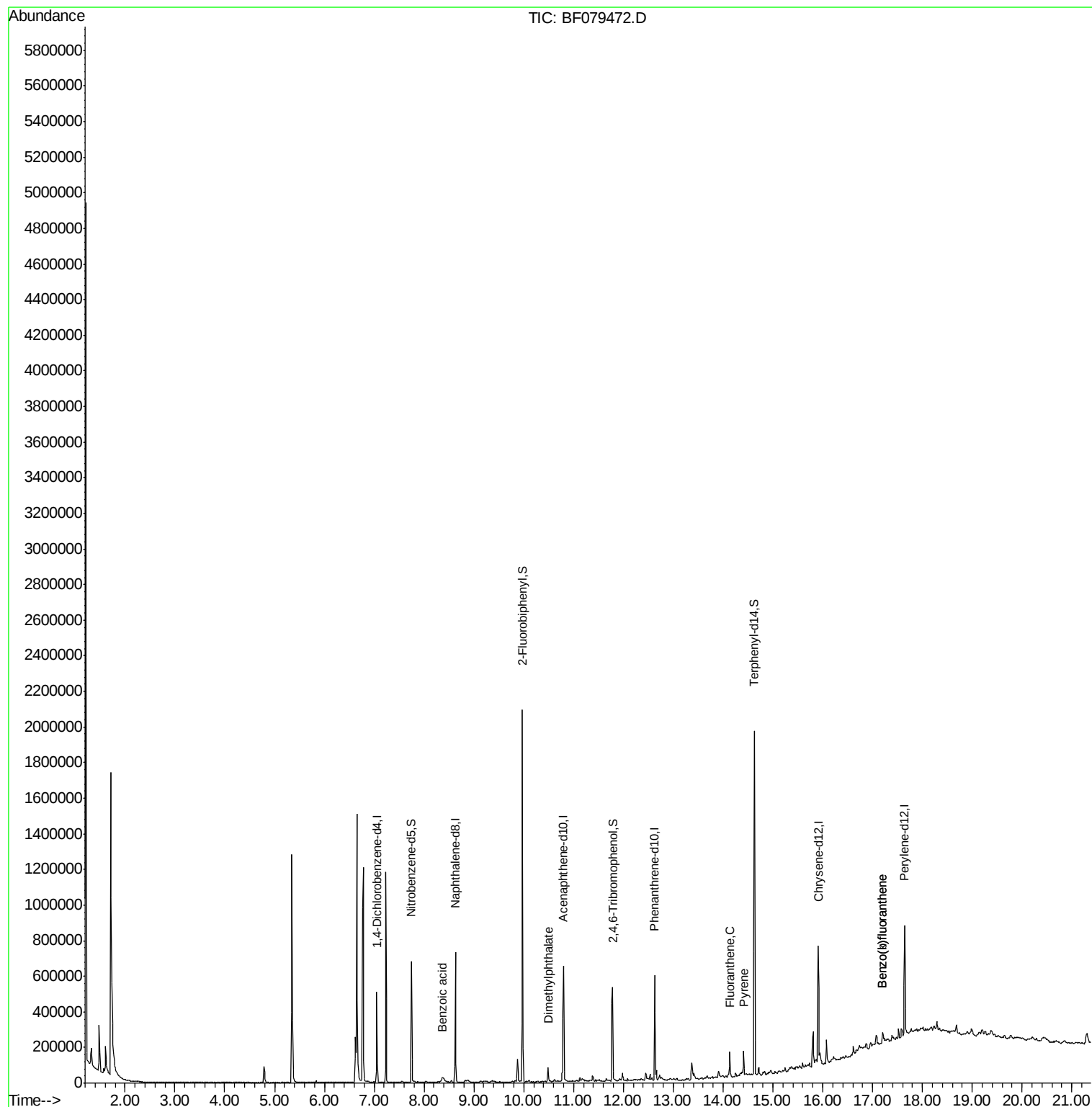
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	76340	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	318162	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	153009	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	277361	20.00	ng	0.00
75) Chrysene-d12	15.91	240	282927	20.00	ng	0.00
86) Perylene-d12	17.65	264	279290	20.00	ng	0.03
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	206742	37.35	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	91295	55.15	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	622476	56.68	ng	0.00
78) Terphenyl-d14	14.63	244	680363	57.57	ng	0.00
Target Compounds						
32) Benzoic acid	8.38	122	222	6.38	ng	Qvalue # 86
49) Dimethylphthalate	10.49	163	47532	4.23	ng	96
74) Fluoranthene	14.14	202	59852	3.70	ng	95
77) Pyrene	14.41	202	55770	3.42	ng	98
87) Benzo(b)fluoranthene	17.20	252	56279	3.68	ng	# 94
88) Benzo(k)fluoranthene	17.20	252	55583	3.76	ng	# 89

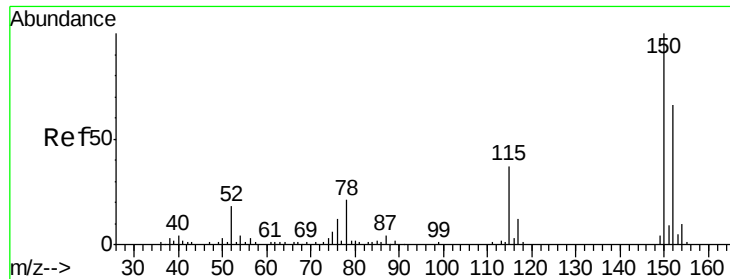
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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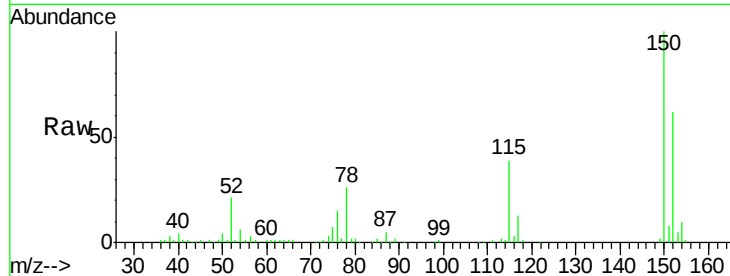




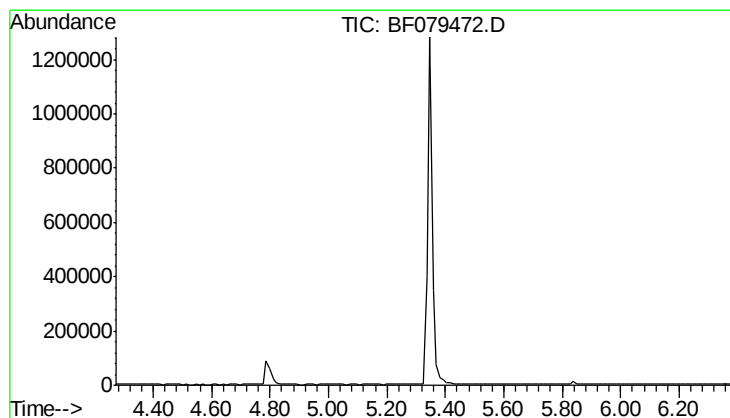
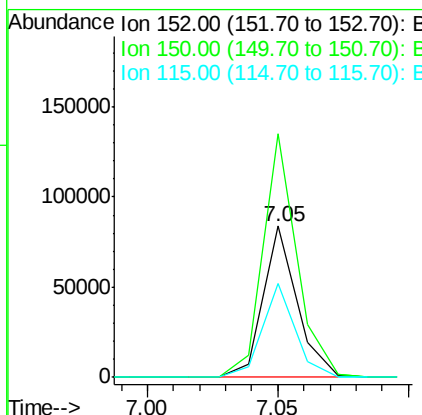
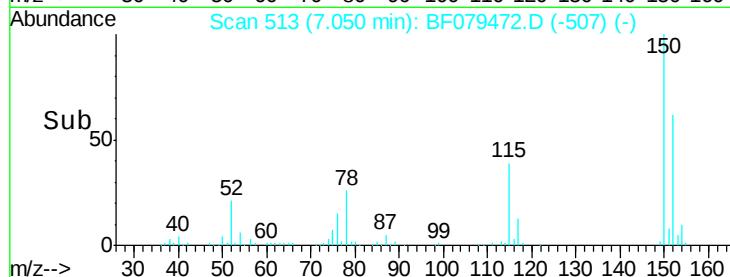
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

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

Tgt Ion:152 Resp: 76340
 Ion Ratio Lower Upper
 152 100
 150 161.0 123.8 185.8
 115 62.1 49.4 74.0

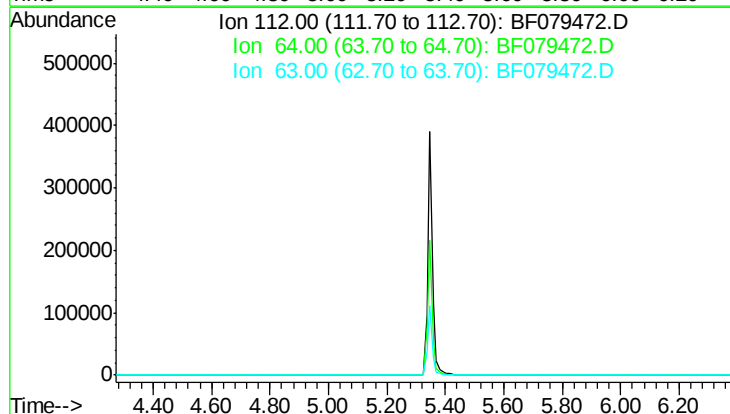


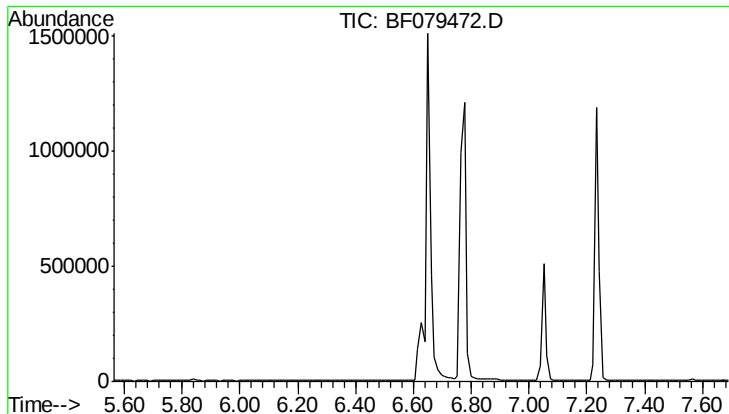
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

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: BF079472.D

Acq: 23 May 2015 12:41

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-A

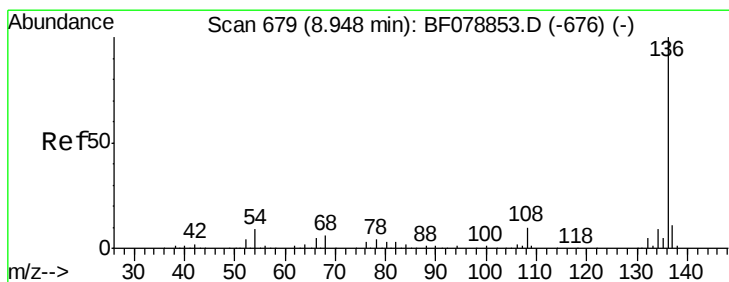
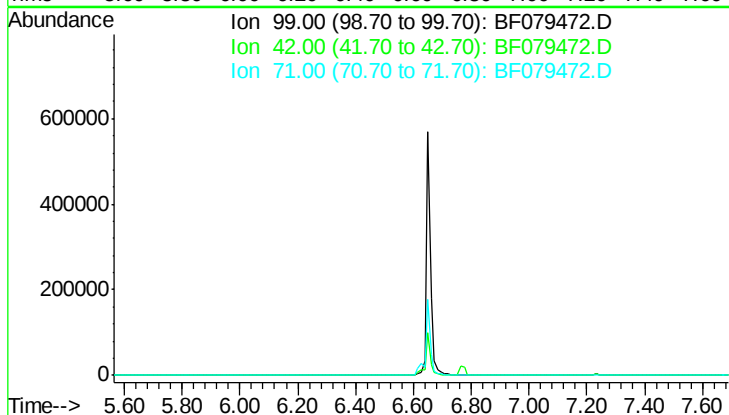
Tgt Ion: 99

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: BF079472.D

Acq: 23 May 2015 12:41

Tgt Ion:136 Resp: 318162

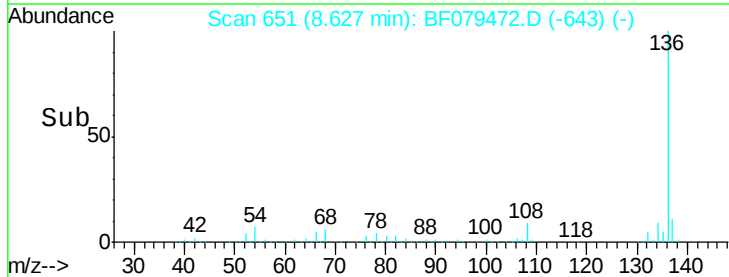
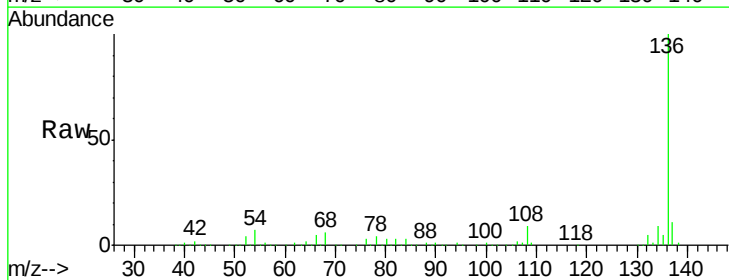
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.3 6.9 10.3

68 6.0 4.9 7.3

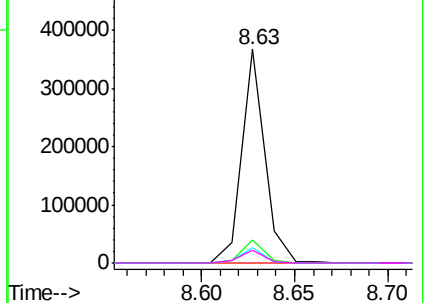


Abundance Ion 136.00 (135.70 to 136.70): E

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

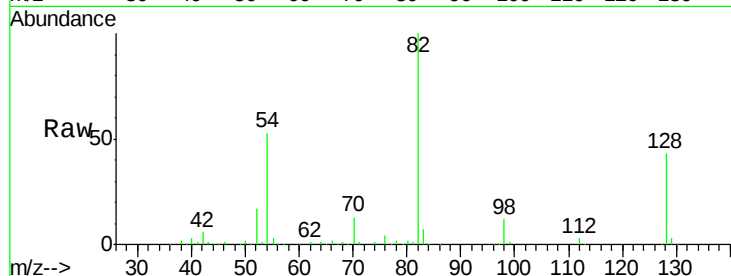




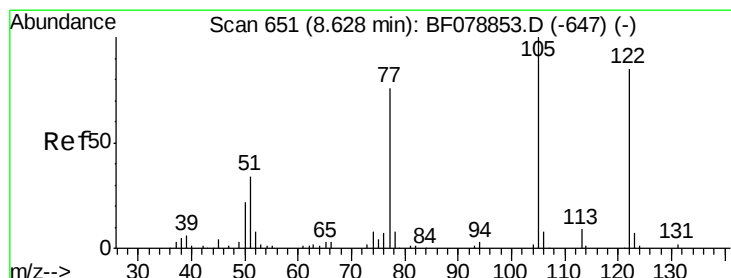
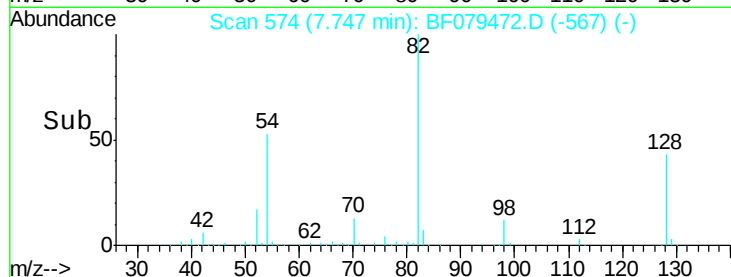
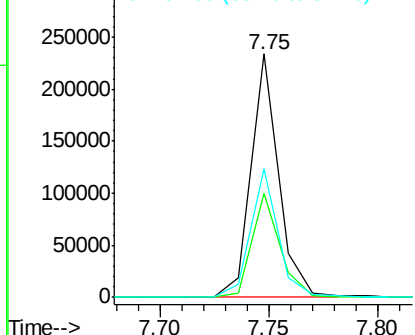
#23
 Nitrobenzene-d5
 Concen: 37.35 ng
 RT: 7.75 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

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

Tgt Ion: 82 Resp: 206742
 Ion Ratio Lower Upper
 82 100
 128 42.5 29.7 44.5
 54 53.0 46.2 69.4

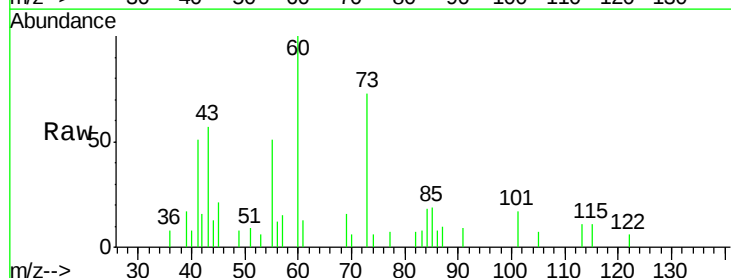


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

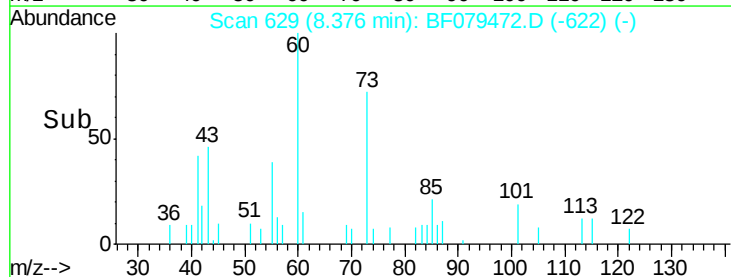
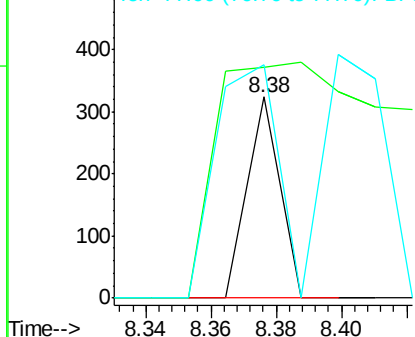


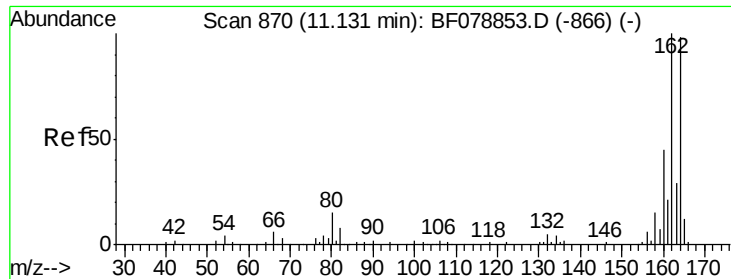
#32
 Benzoic acid
 Concen: 6.38 ng
 RT: 8.38 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

Tgt Ion: 122 Resp: 222
 Ion Ratio Lower Upper
 122 100
 105 114.8 100.7 140.7
 77 115.7 72.0 112.0#



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0

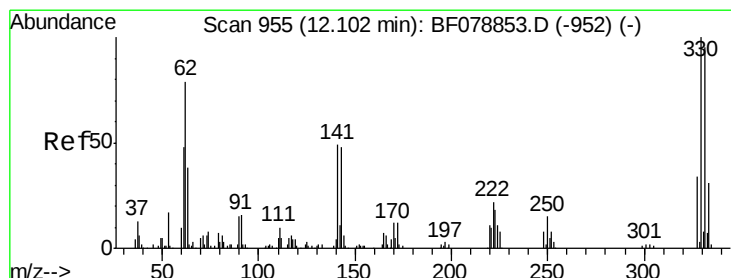
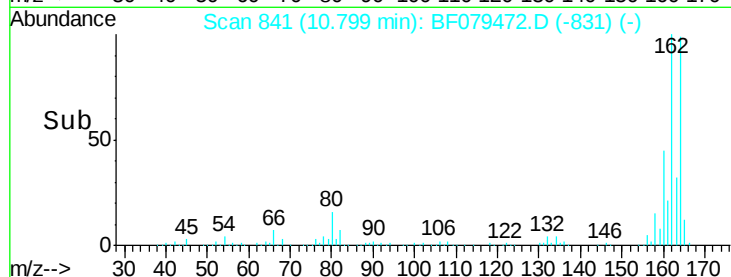
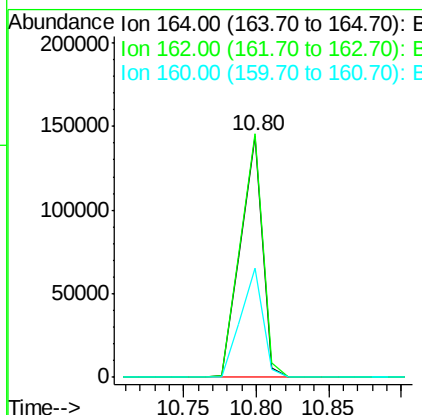
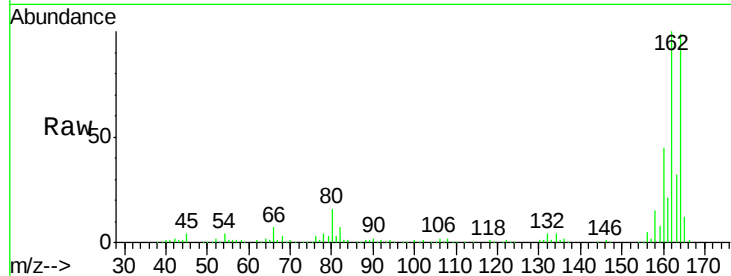




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF079472.D
Acq: 23 May 2015 12:41

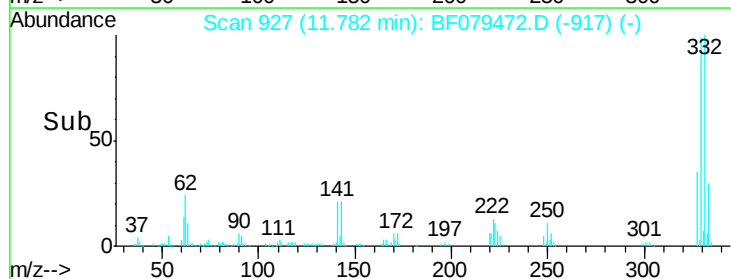
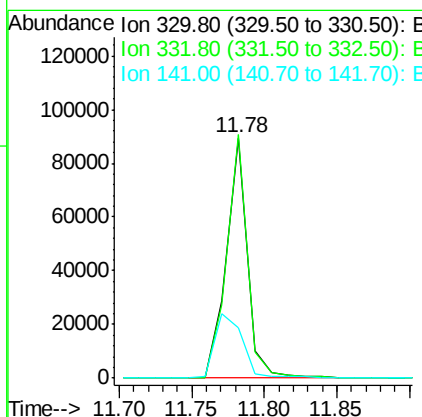
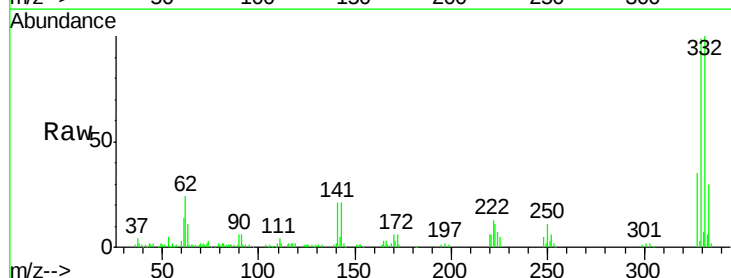
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-015-A

Tgt Ion:164 Resp: 153009
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 45.3 36.6 54.8



#41
2,4,6-Tribromophenol
Concen: 55.15 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079472.D
Acq: 23 May 2015 12:41

Tgt Ion:330 Resp: 91295
Ion Ratio Lower Upper
330 100
332 99.5 76.9 115.3
141 34.7 27.8 41.8

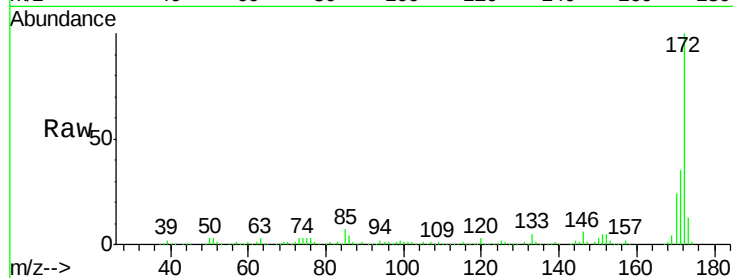




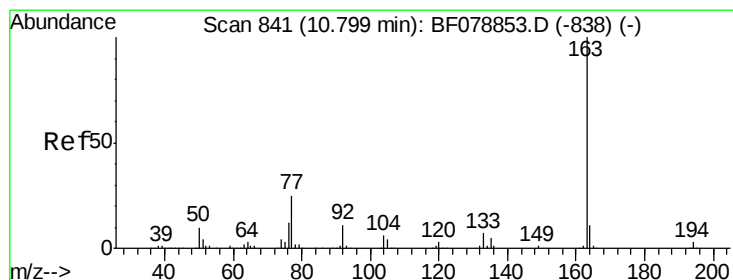
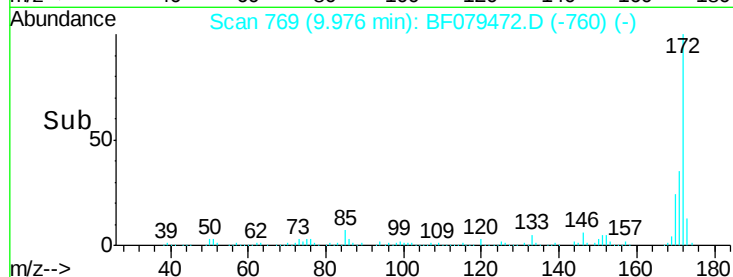
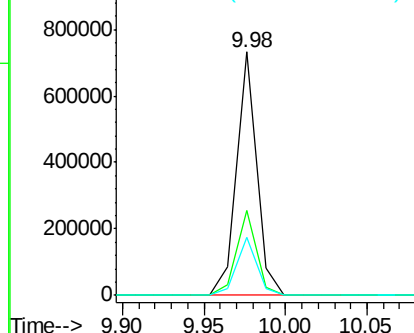
#44
 2-Fluorobiphenyl
 Concen: 56.68 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

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

Tgt Ion:172 Resp: 622476
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 24.0 19.4 29.2

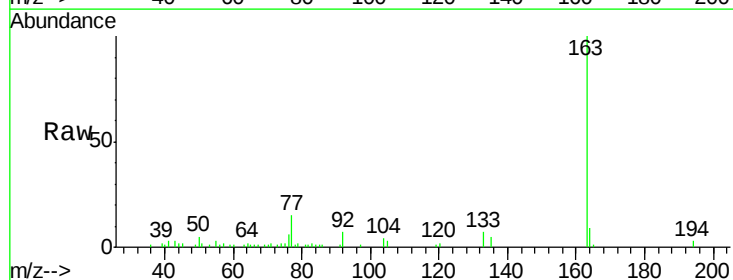


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

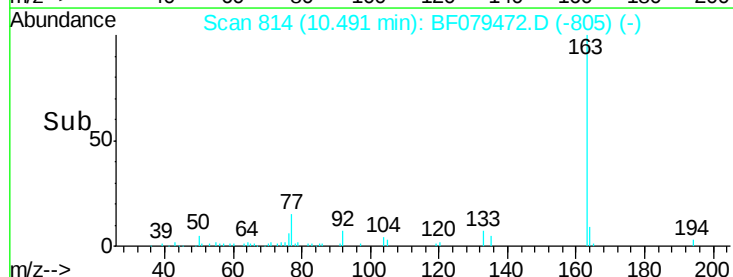
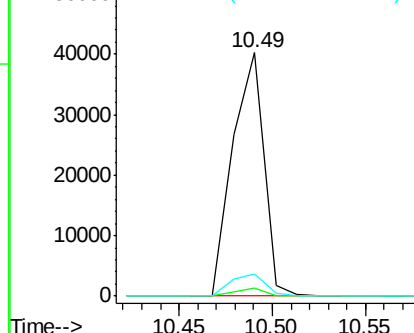


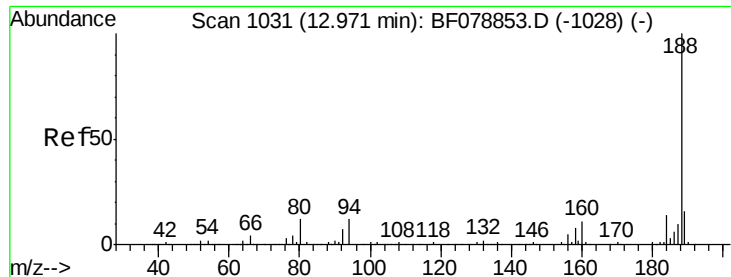
#49
 Dimethylphthalate
 Concen: 4.23 ng
 RT: 10.49 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF079472.D
 Acq: 23 May 2015 12:41

Tgt Ion:163 Resp: 47532
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.4 3.6
 164 9.1 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

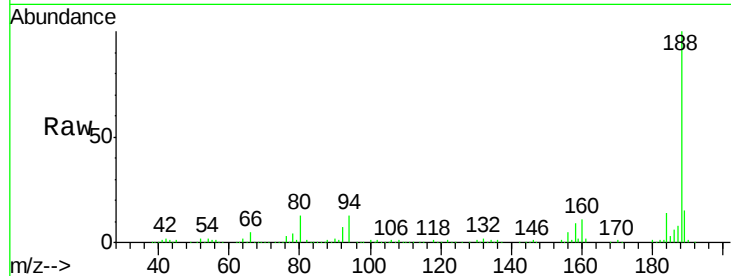




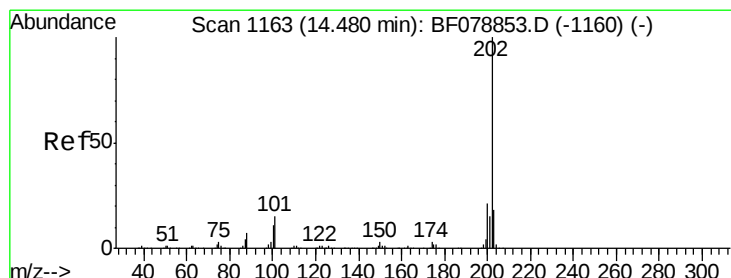
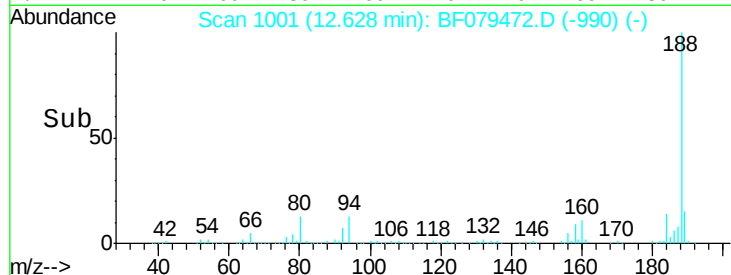
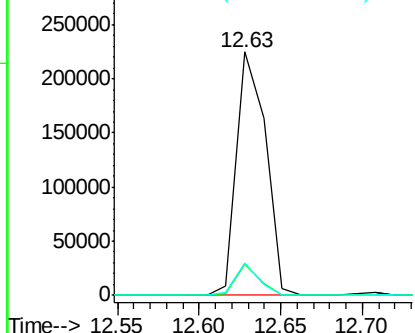
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079472.D
Acq: 23 May 2015 12:41

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

Tgt Ion:188 Resp: 277361
Ion Ratio Lower Upper
188 100
94 13.0 9.4 14.0
80 13.3 9.8 14.6

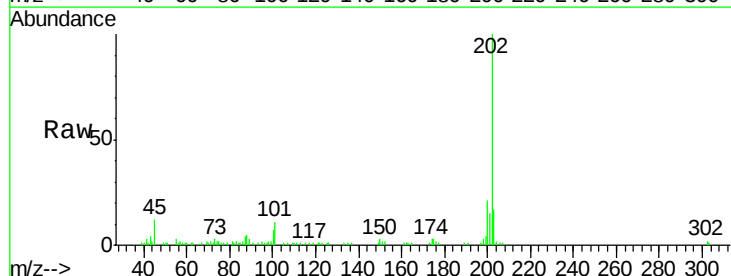


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

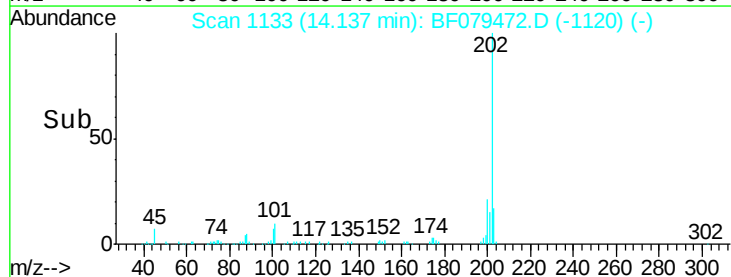
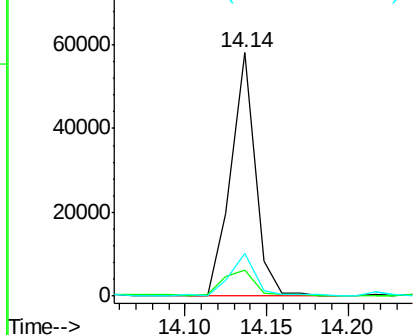


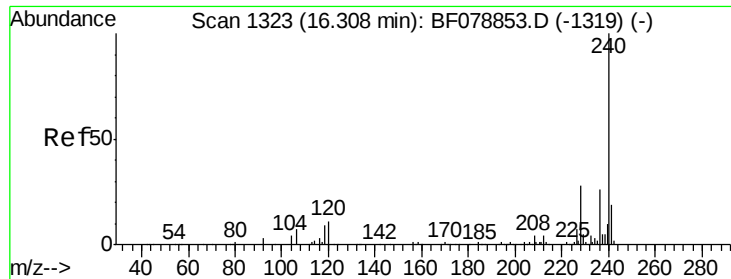
#74
Fluoranthene
Concen: 3.70 ng
RT: 14.14 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF079472.D
Acq: 23 May 2015 12:41

Tgt Ion:202 Resp: 59852
Ion Ratio Lower Upper
202 100
101 10.9 0.0 34.7
203 17.4 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: 15.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-A

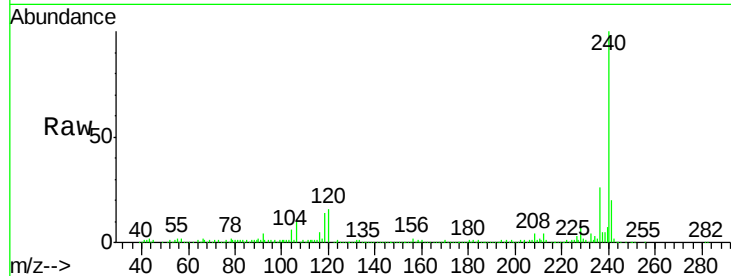
Tgt Ion:240 Resp: 282927

Ion Ratio Lower Upper

240 100

120 16.3 8.6 12.8#

236 26.0 21.0 31.6

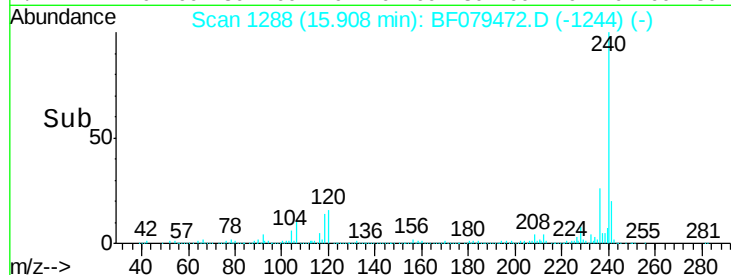


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



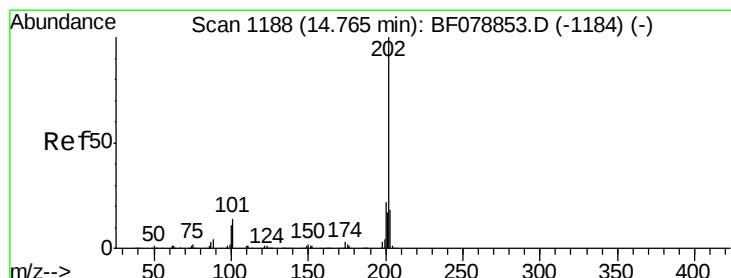
Abundance

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

Time-->



#77

Pyrene

Concen: 3.42 ng

RT: 14.41 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

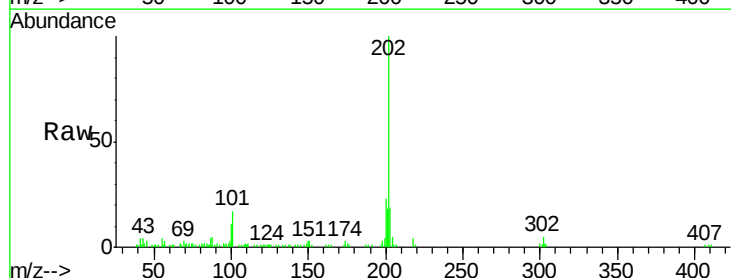
Tgt Ion:202 Resp: 55770

Ion Ratio Lower Upper

202 100

200 22.9 17.5 26.3

203 19.4 14.7 22.1

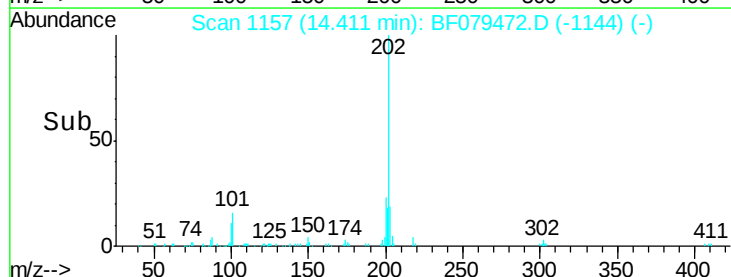


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



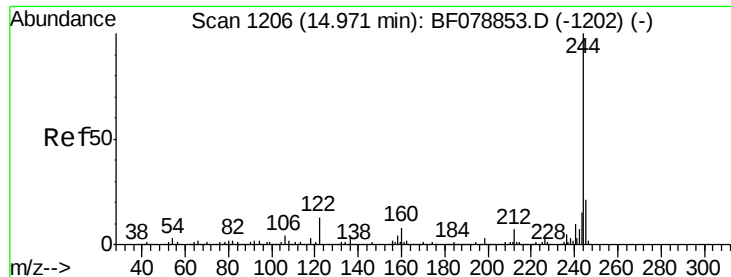
Abundance

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

Time-->



#78

Terphenyl-d14

Concen: 57.57 ng

RT: 14.63 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-A

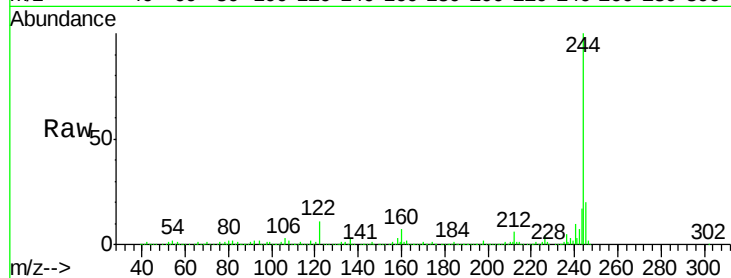
Tgt Ion:244 Resp: 680363

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

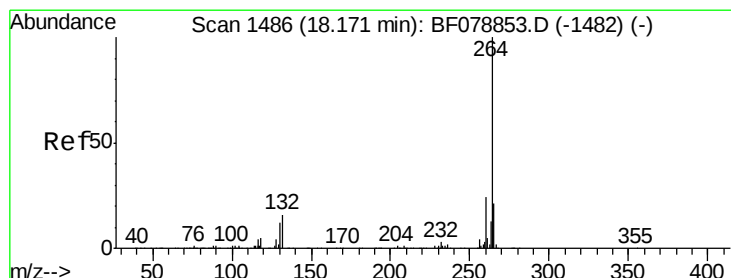
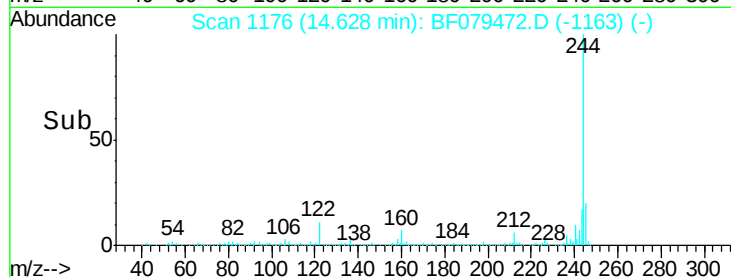
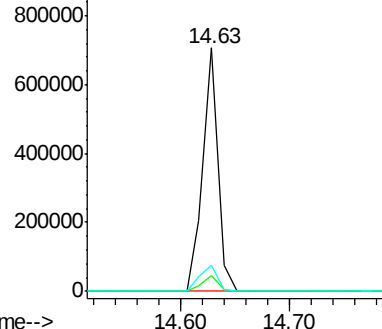
122 10.8 10.5 15.7



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

Perylene-d12

Concen: 20.00 ng

RT: 17.65 min Scan# 1440

Delta R.T. 0.03 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

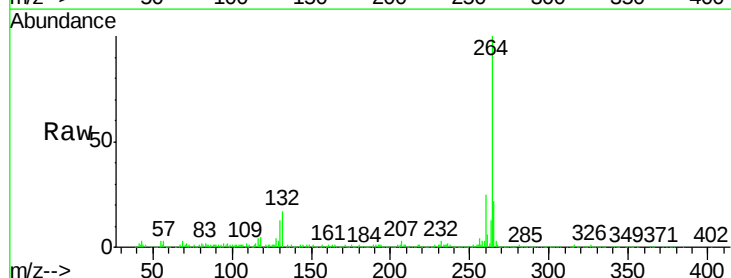
Tgt Ion:264 Resp: 279290

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

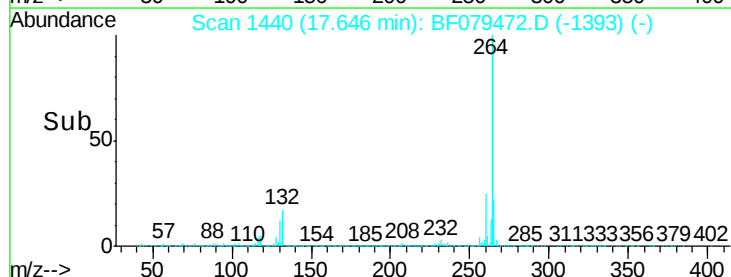
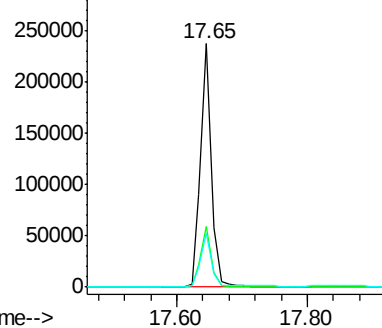
265 22.4 17.2 25.8

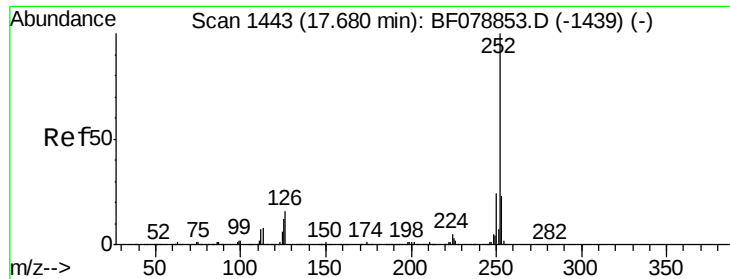


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.68 ng

RT: 17.20 min Scan# 1401

Delta R.T. 0.02 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

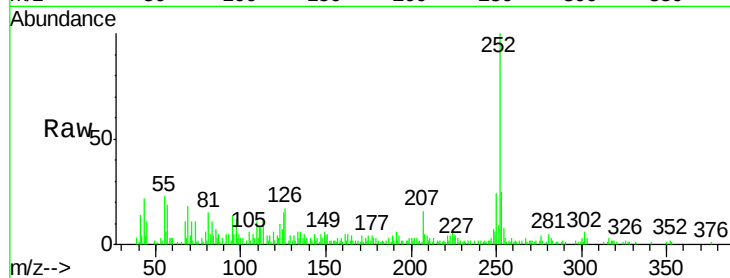
Instrument :

BNA_F

ClientSampleId :

FK-GF-01-015-A

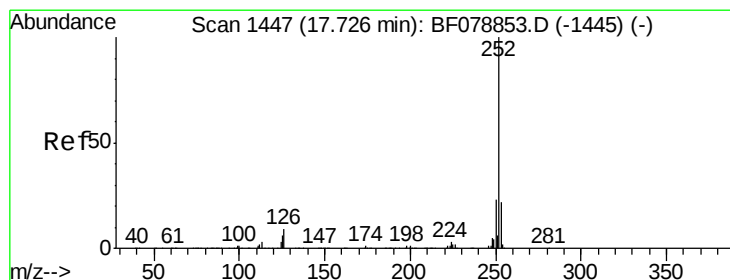
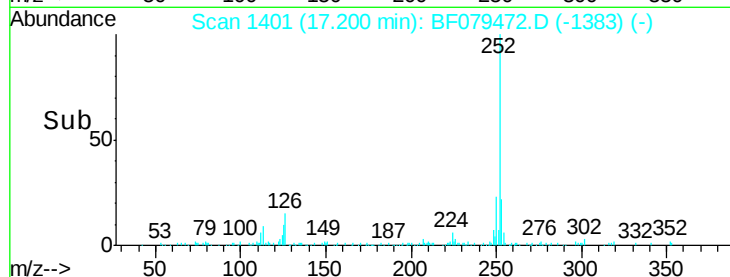
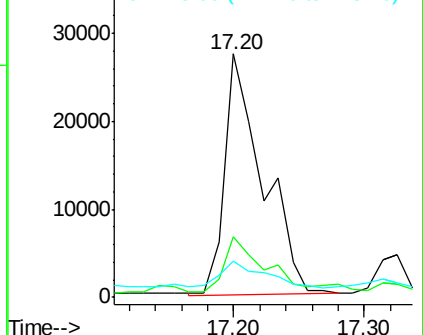
Tgt Ion:	252	Resp:	56279
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.1	27.1
125	14.9	9.4	14.2#



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



#88

Benzo(k)fluoranthene

Concen: 3.76 ng

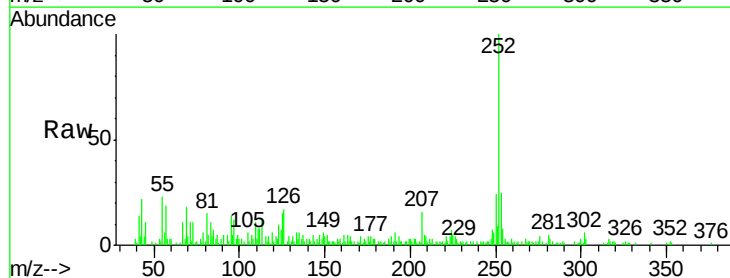
RT: 17.20 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF079472.D

Acq: 23 May 2015 12:41

Tgt Ion:	252	Resp:	55583
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.4	26.0
125	14.9	6.1	9.1#



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

