

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089093.D
 Acq On : 18 Jul 2016 20:41
 Operator : UM/SJ
 Sample : H4044-27 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H10-B1(0-6)C

Quant Time: Jul 19 04:39:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

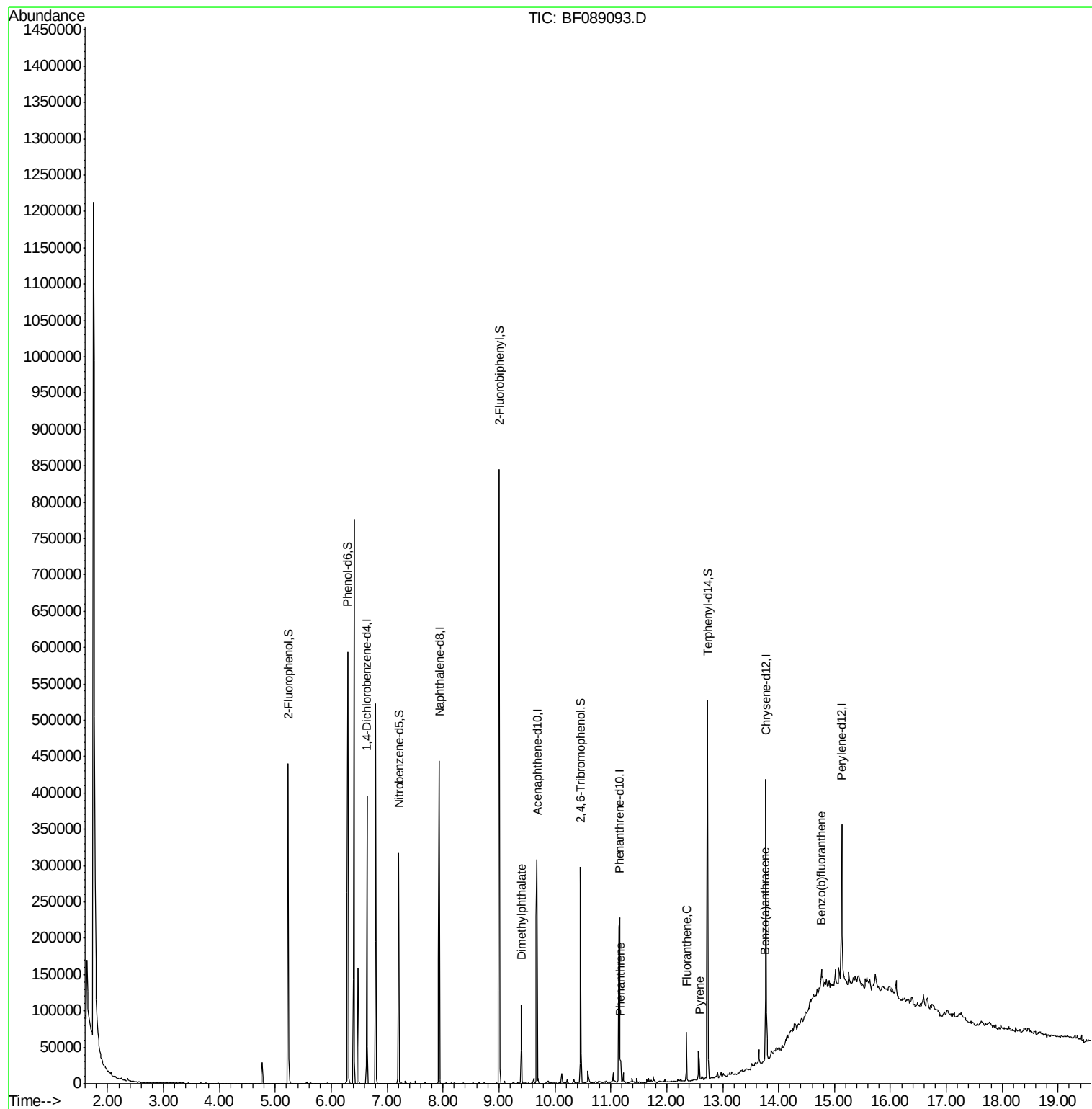
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	53005	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	213850	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	77713	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	122331	20.00	ng	0.00
75) Chrysene-d12	13.77	240	106618	20.00	ng	0.00
86) Perylene-d12	15.13	264	80888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	170357	48.17	ng	0.01
7) Phenol-d6	6.30	99	229716	50.27	ng	0.00
23) Nitrobenzene-d5	7.21	82	133434	32.70	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	24240	33.59	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	228992	46.54	ng	0.00
78) Terphenyl-d14	12.73	244	142255	29.72	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	49461	8.93	ng	98
70) Phenanthrene	11.18	178	18809	2.81	ng	97
74) Fluoranthene	12.35	202	26050	3.84	ng	95
77) Pyrene	12.58	202	20484	2.27	ng	98
80) Benzo(a)anthracene	13.76	228	13979	2.04	ng	95
87) Benzo(b)fluoranthene	14.77	252	11392m	2.25	ng	

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089093.D

Acq: 18 Jul 2016 20:41

Instrument :

BNA_F

ClientSampleId :

H10-B1(0-6)C

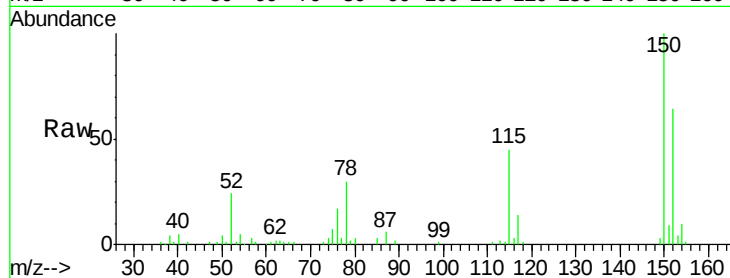
Tot Ion:152 Resp: 53005

Ion Ratio Lower Upper

152 100

150 156.8 123.8 185.6

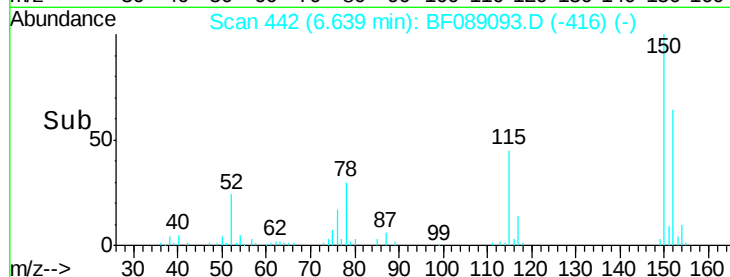
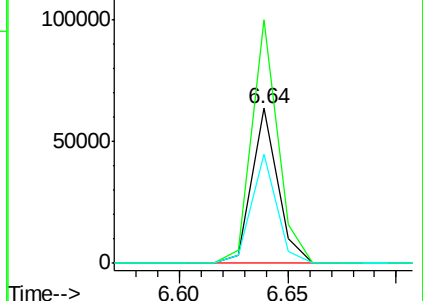
115 70.5 39.6 59.4#



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: 48.17 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF089093.D

Acq: 18 Jul 2016 20:41

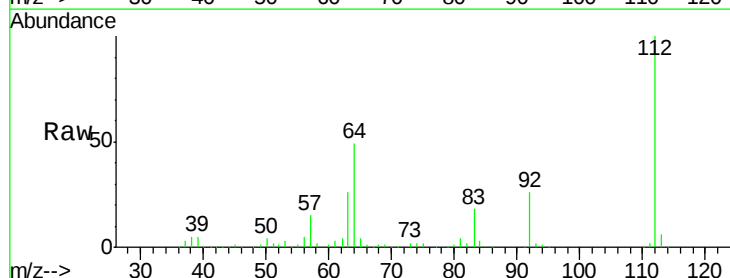
Tgt Ion:112 Resp: 170357

Ion Ratio Lower Upper

112 100

64 49.3 42.2 63.2

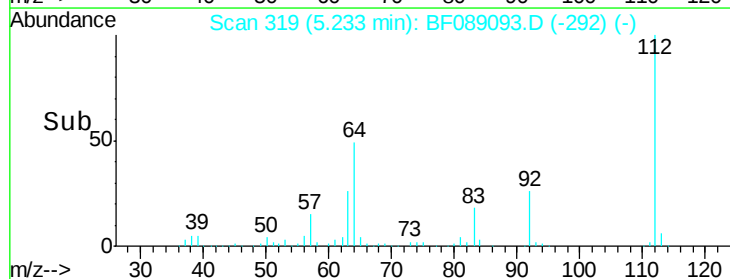
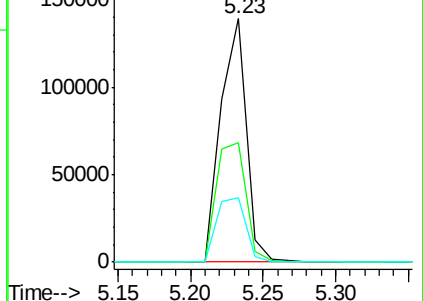
63 26.5 21.8 32.8

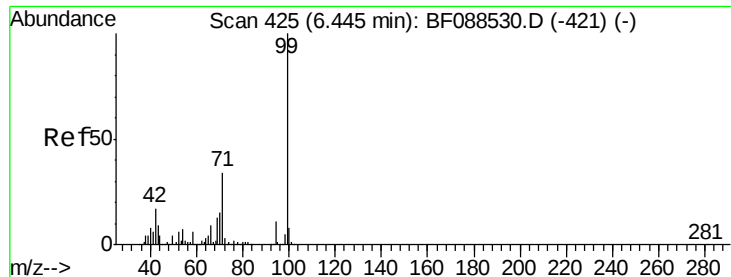


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.27 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089093.D

Acq: 18 Jul 2016 20:41

Instrument :

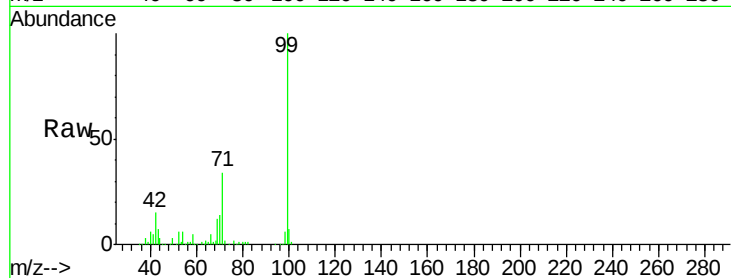
BNA_F

ClientSampleId :

H10-B1(0-6)C

Tot Ion: 99 Resp: 229716

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.2
71	34.4	23.4	35.0

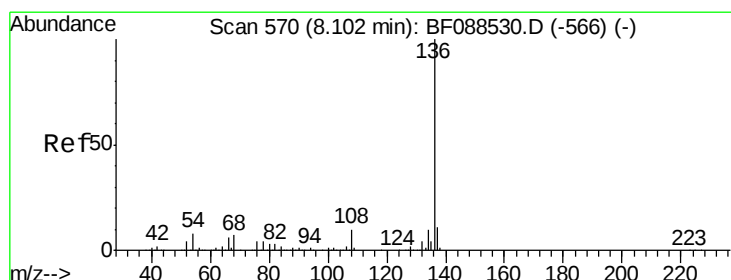
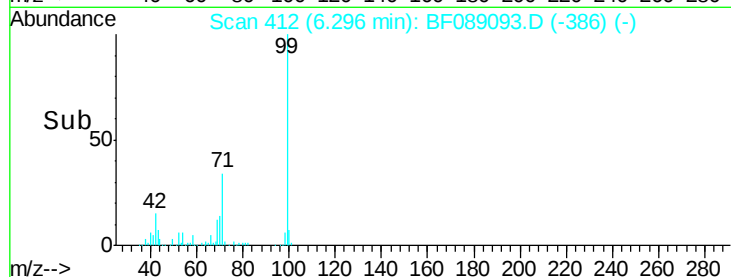
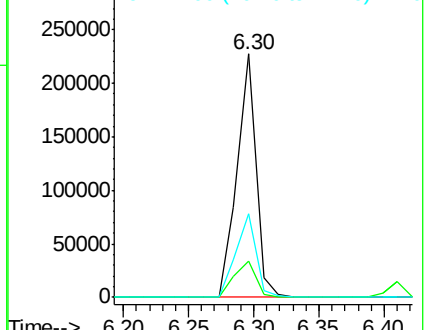


Abundance

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: 7.93 min Scan# 555

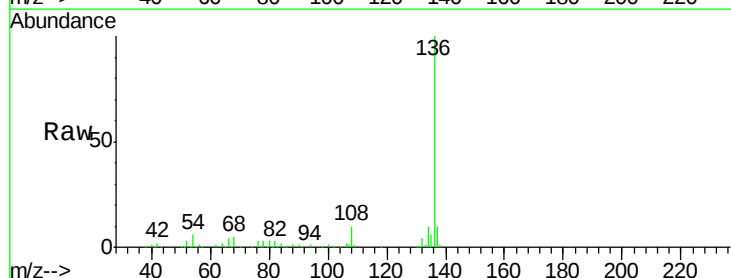
Delta R.T. 0.00 min

Lab File: BF089093.D

Acq: 18 Jul 2016 20:41

Tgt Ion: 136 Resp: 213850

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	5.5	6.6	10.0#
68	4.6	5.1	7.7#



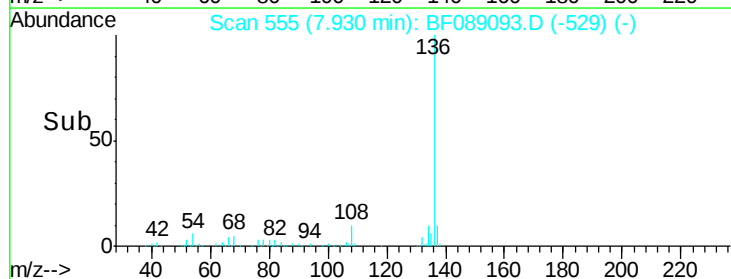
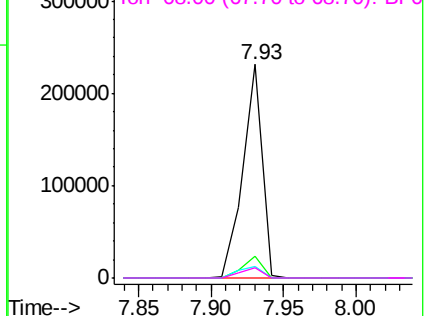
Abundance

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: 32.70 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF089093.D

Acq: 18 Jul 2016 20:41

Instrument :

BNA_F

ClientSampled :

H10-B1(0-6)C

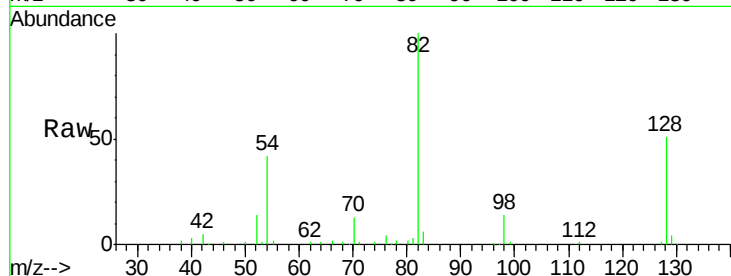
Tot Ion: 82 Resp: 133434

Ion Ratio Lower Upper

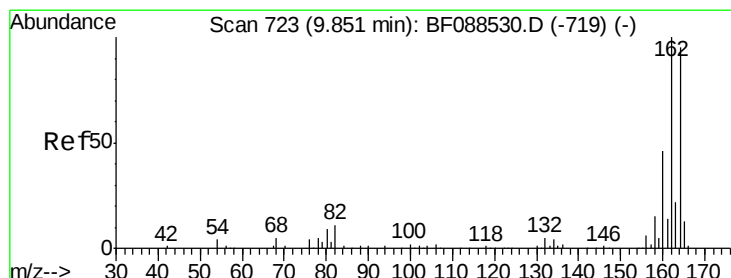
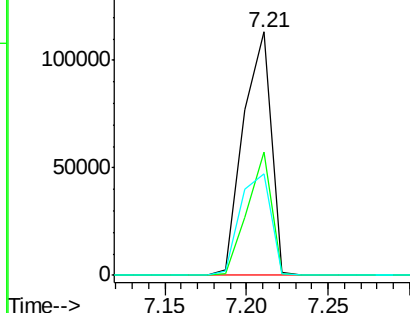
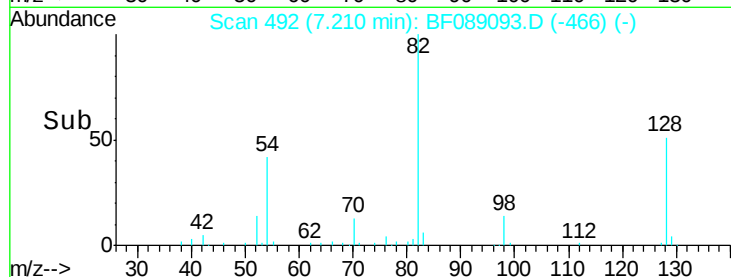
82 100

128 50.5 35.9 53.9

54 41.6 40.9 61.3



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: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF089093.D

Acq: 18 Jul 2016 20:41

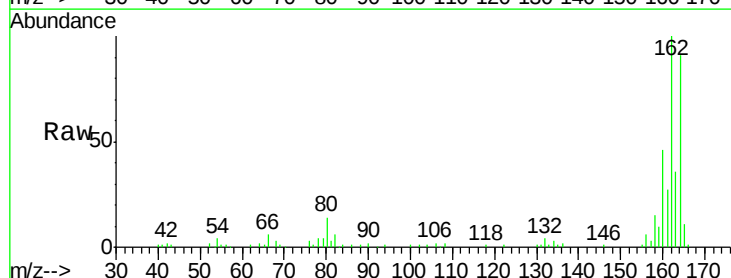
Tgt Ion:164 Resp: 77713

Ion Ratio Lower Upper

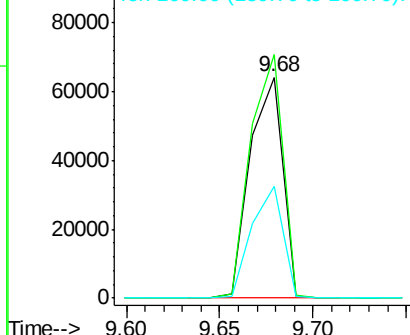
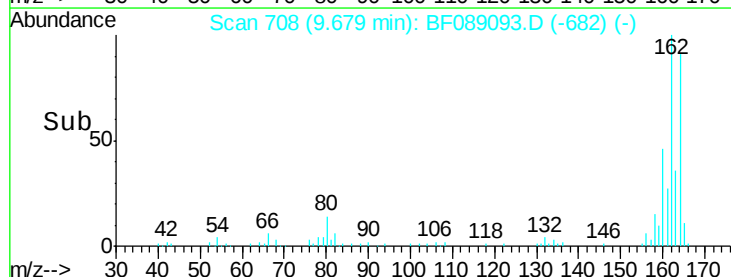
164 100

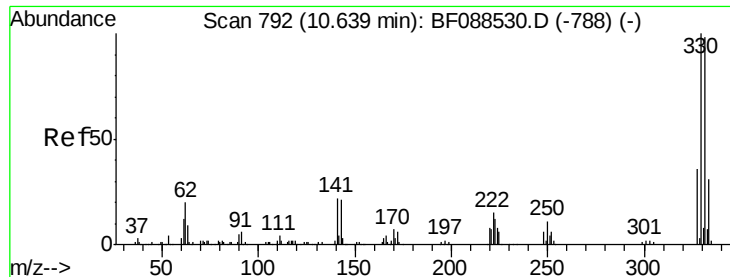
162 110.3 85.4 128.2

160 50.6 39.5 59.3



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

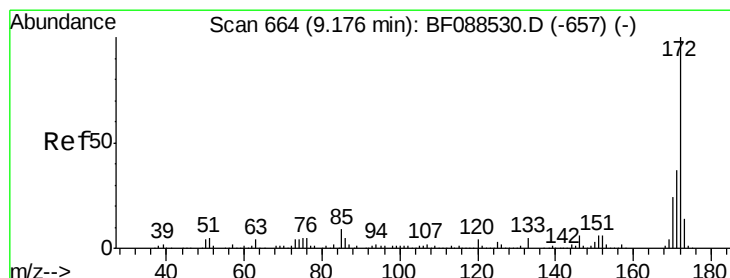
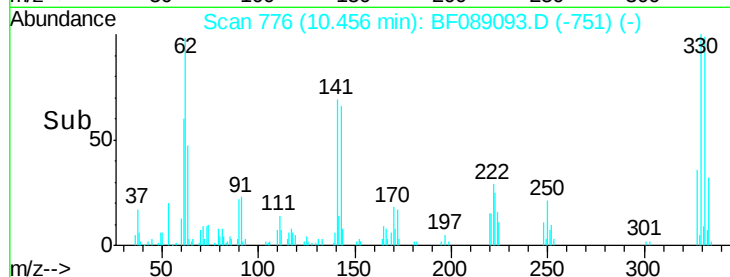
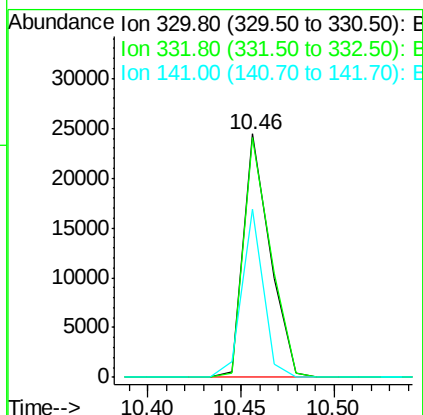
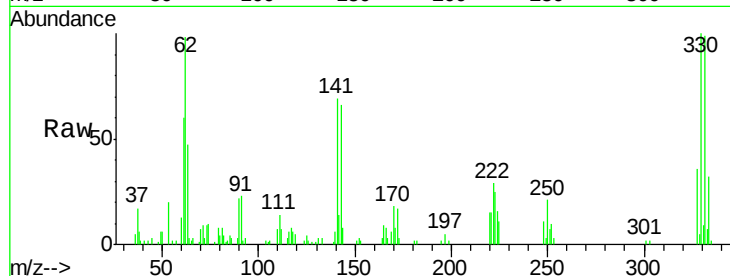




#41
 2,4,6-Tribromophenol
 Concen: 33.59 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF089093.D
 Acq: 18 Jul 2016 20:41

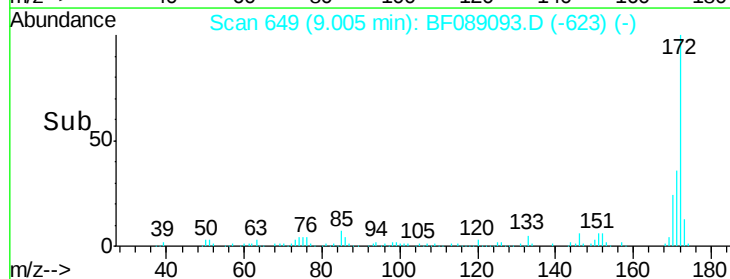
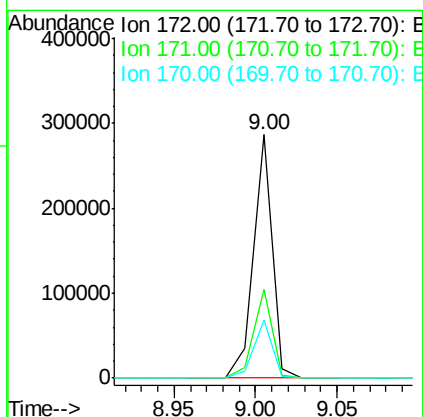
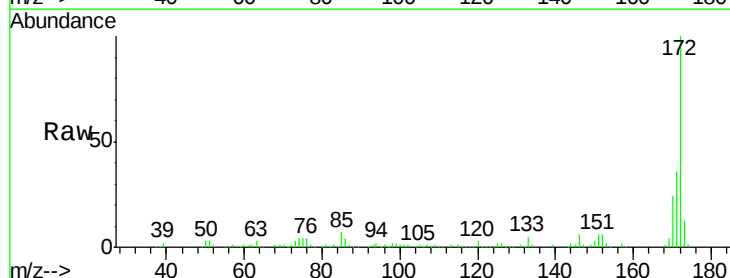
Instrument :
 BNA_F
 ClientSampleId :
 H10-B1(0-6)C

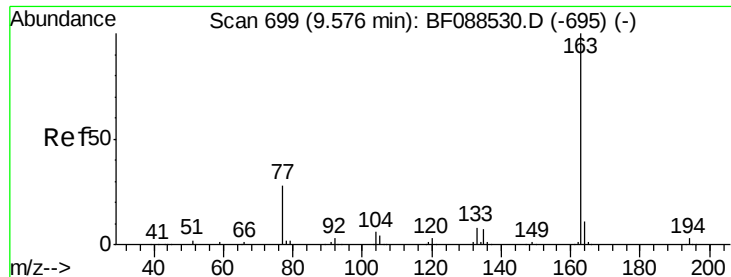
Tot Ion:330 Resp: 24240
 Ion Ratio Lower Upper
 330 100
 332 100.0 0.0 0.0#
 141 55.6 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 46.54 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089093.D
 Acq: 18 Jul 2016 20:41

Tgt Ion:172 Resp: 228992
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.8 19.2 28.8

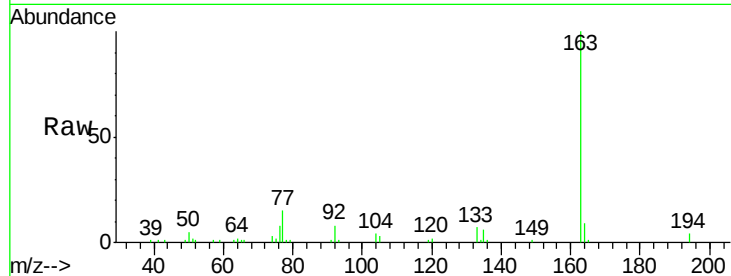




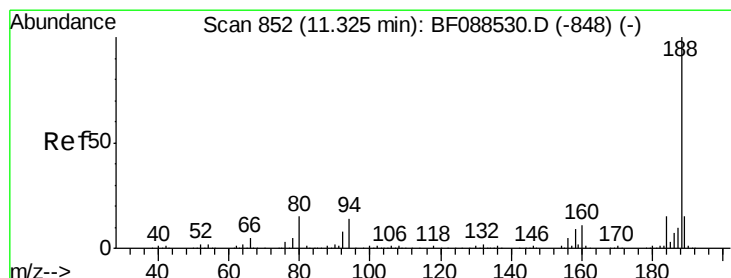
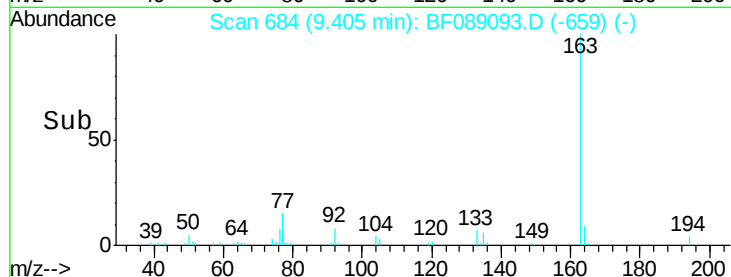
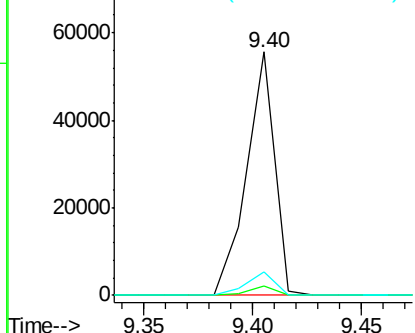
#49
Dimethylphthalate
Concen: 8.93 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF089093.D
Acq: 18 Jul 2016 20:41

Instrument :
BNA_F
ClientSampleId :
H10-B1(0-6)C

Tot Ion:163 Resp: 49461
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.5 8.3 12.5

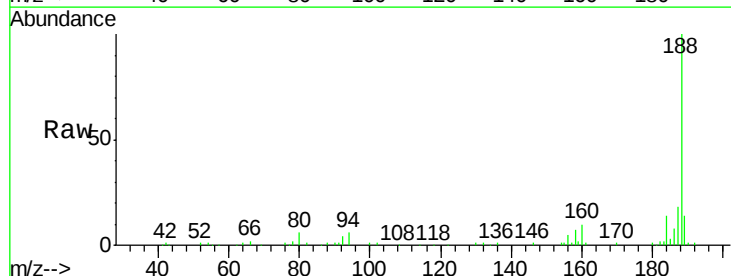


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

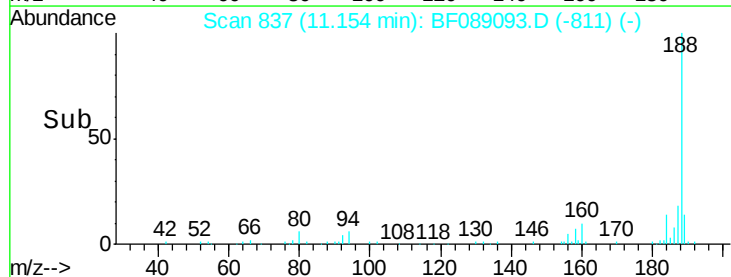
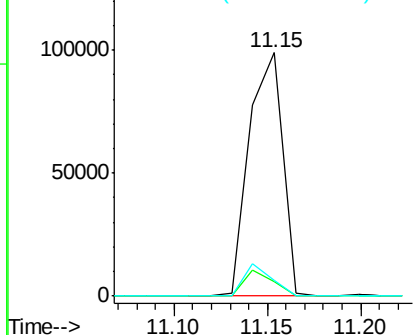


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF089093.D
Acq: 18 Jul 2016 20:41

Tgt Ion:188 Resp: 122331
Ion Ratio Lower Upper
188 100
94 6.0 9.0 13.6#
80 6.4 10.0 15.0#



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

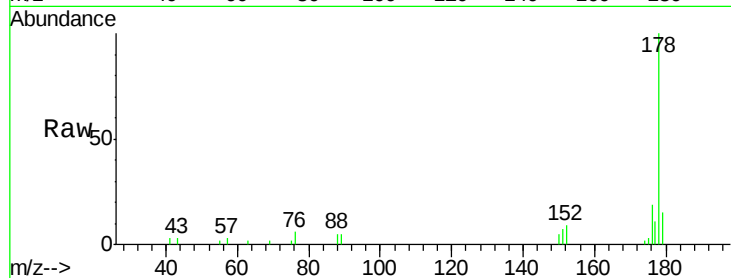




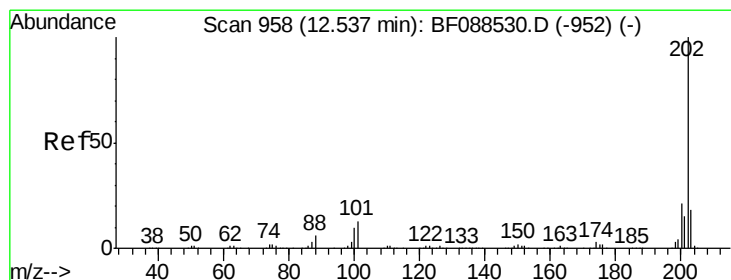
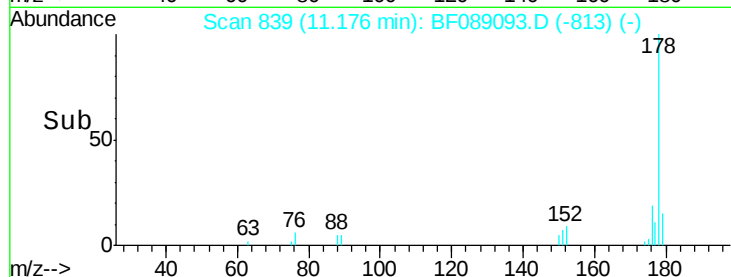
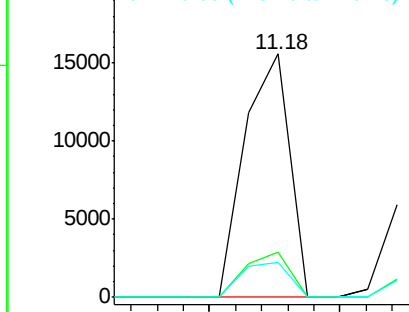
#70
Phenanthrene
Concen: 2.81 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF089093.D
Acq: 18 Jul 2016 20:41

Instrument :
BNA_F
ClientSampleId :
H10-B1(0-6)C

Tot Ion:178 Resp: 18809
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.6
179 14.6 13.0 19.4

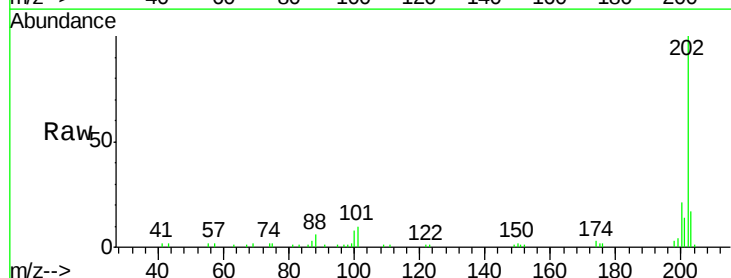


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

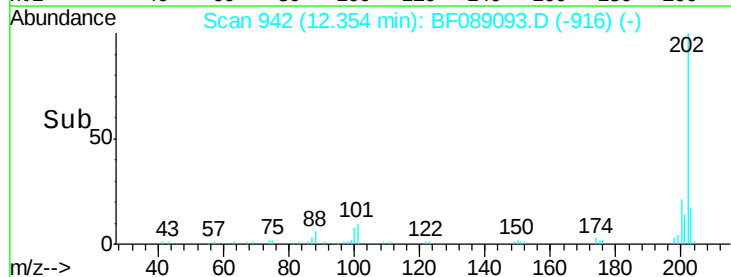
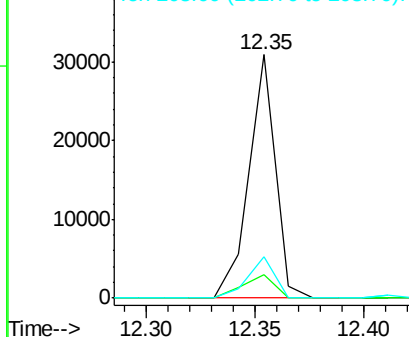


#74
Fluoranthene
Concen: 3.84 ng
RT: 12.35 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF089093.D
Acq: 18 Jul 2016 20:41

Tgt Ion:202 Resp: 26050
Ion Ratio Lower Upper
202 100
101 9.6 0.0 33.1
203 17.2 0.0 38.1



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: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089093.D

Acq: 18 Jul 2016 20:41

Instrument :

BNA_F

ClientSampleId :

H10-B1(0-6)C

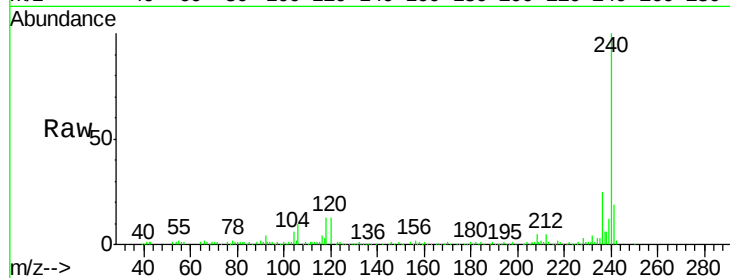
Tot Ion:240 Resp: 106618

Ion Ratio Lower Upper

240 100

120 13.3 6.8 10.2#

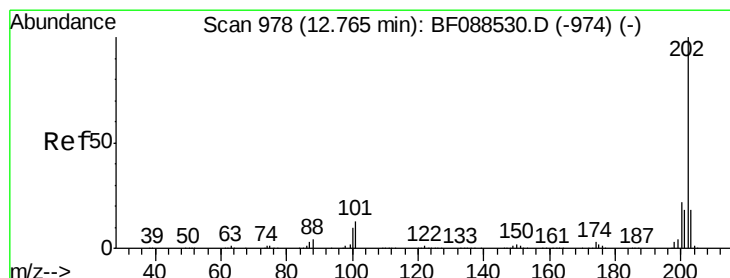
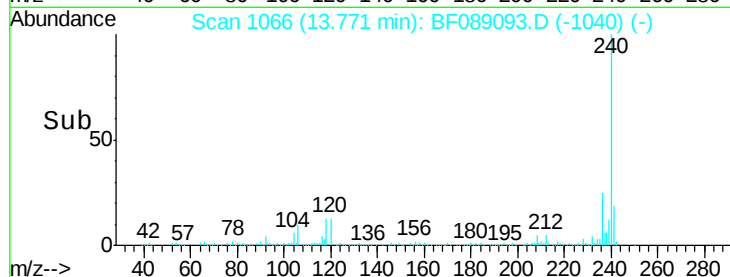
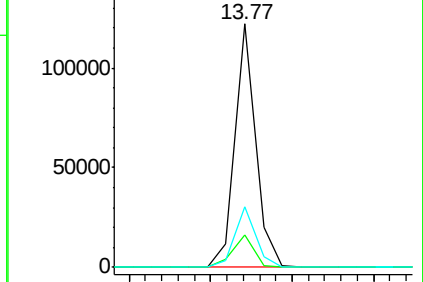
236 24.9 20.2 30.2



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: 2.27 ng

RT: 12.58 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF089093.D

Acq: 18 Jul 2016 20:41

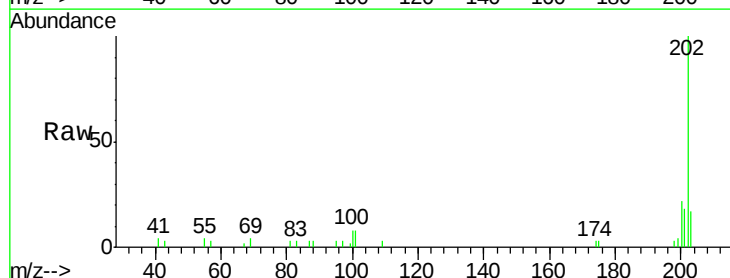
Tgt Ion:202 Resp: 20484

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

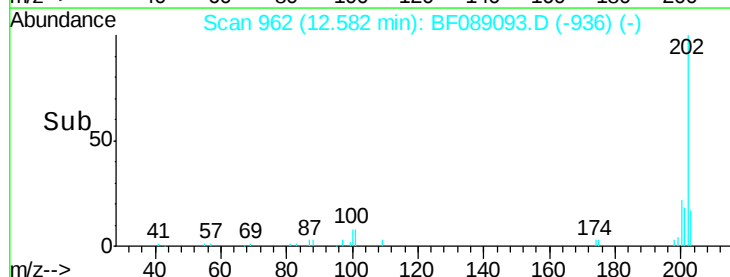
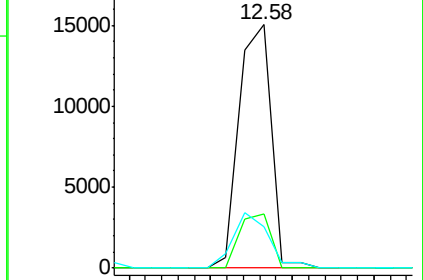
203 16.9 14.5 21.7



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

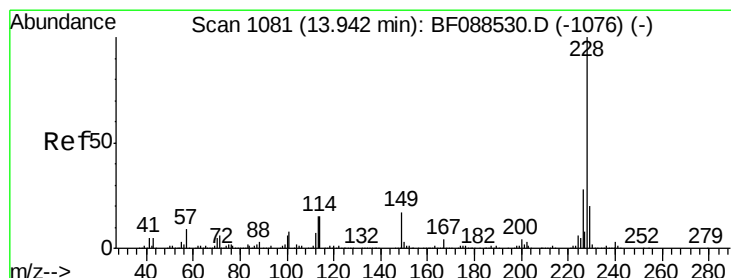
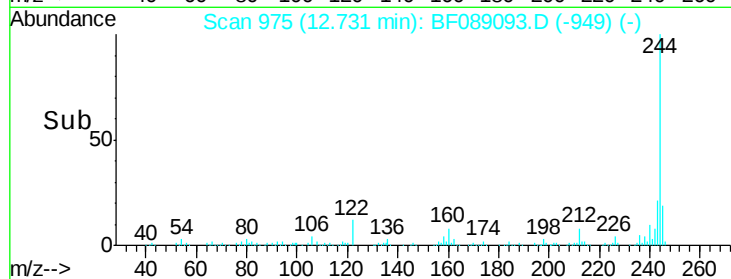
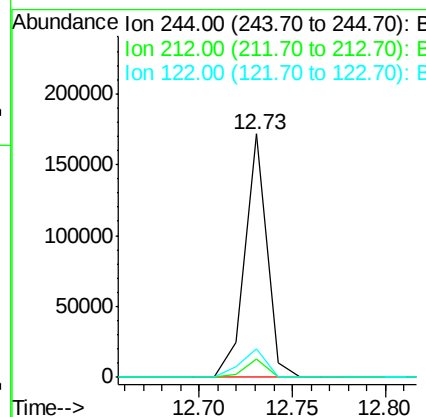
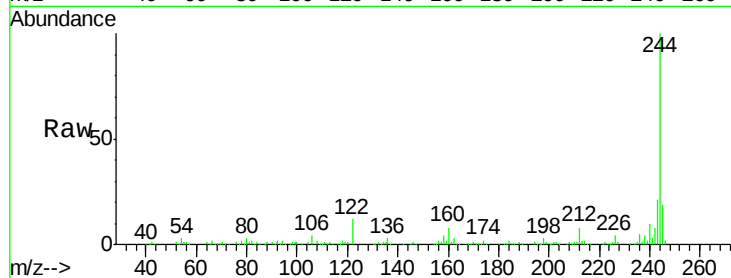




#78
 Terphenyl-d14
 Concen: 29.72 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF089093.D
 Acq: 18 Jul 2016 20:41

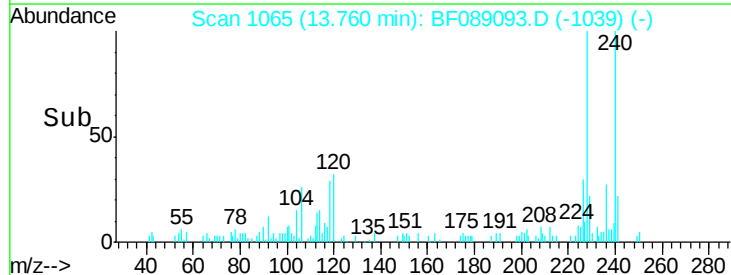
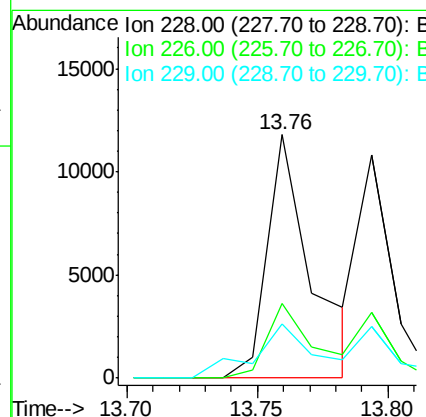
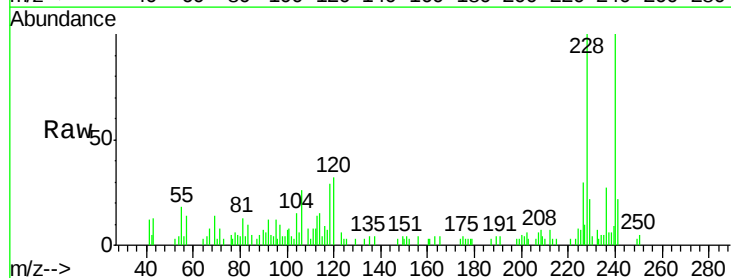
Instrument :
 BNA_F
 ClientSampleId :
 H10-B1(0-6)C

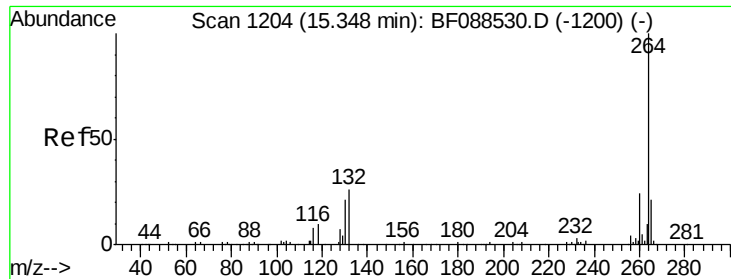
Tot Ion:244 Resp: 142255
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.8 11.2 16.8



#80
 Benzo(a)anthracene
 Concen: 2.04 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF089093.D
 Acq: 18 Jul 2016 20:41

Tgt Ion:228 Resp: 13979
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.3 33.5
 229 22.3 16.0 24.0

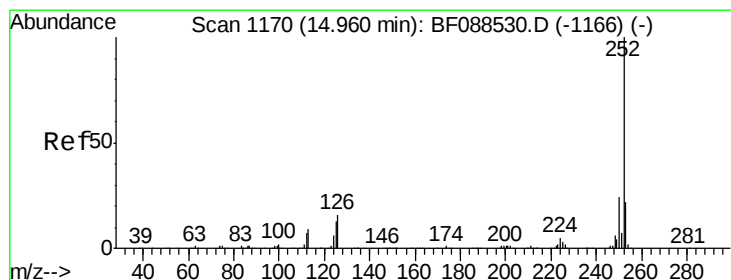
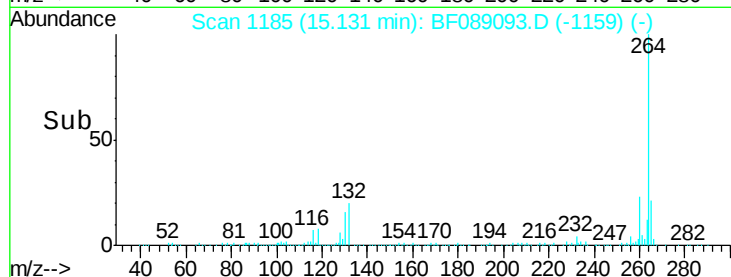
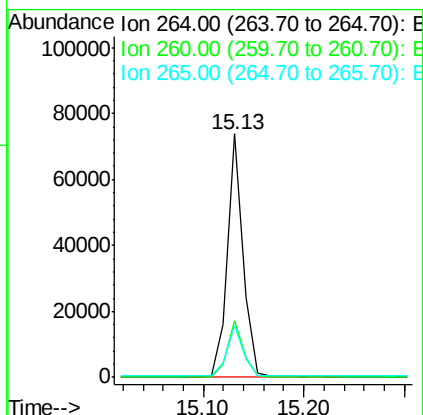
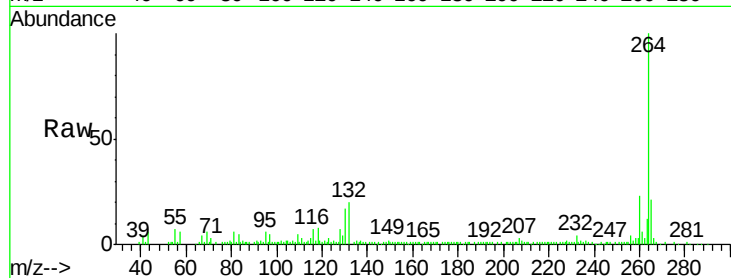




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF089093.D
Acq: 18 Jul 2016 20:41

Instrument :
BNA_F
ClientSampleId :
H10-B1(0-6)C

Tot Ion:264 Resp: 80888
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.4 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 2.25 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089093.D
Acq: 18 Jul 2016 20:41

Tgt Ion:252 Resp: 11392
Ion Ratio Lower Upper
252 100
253 26.1 17.4 26.2
125 25.3 7.1 10.7#

