

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089094.D
 Acq On : 18 Jul 2016 21:11
 Operator : UM/SJ
 Sample : H4044-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M10-B2(0-4)C

Quant Time: Jul 19 12:08:55 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

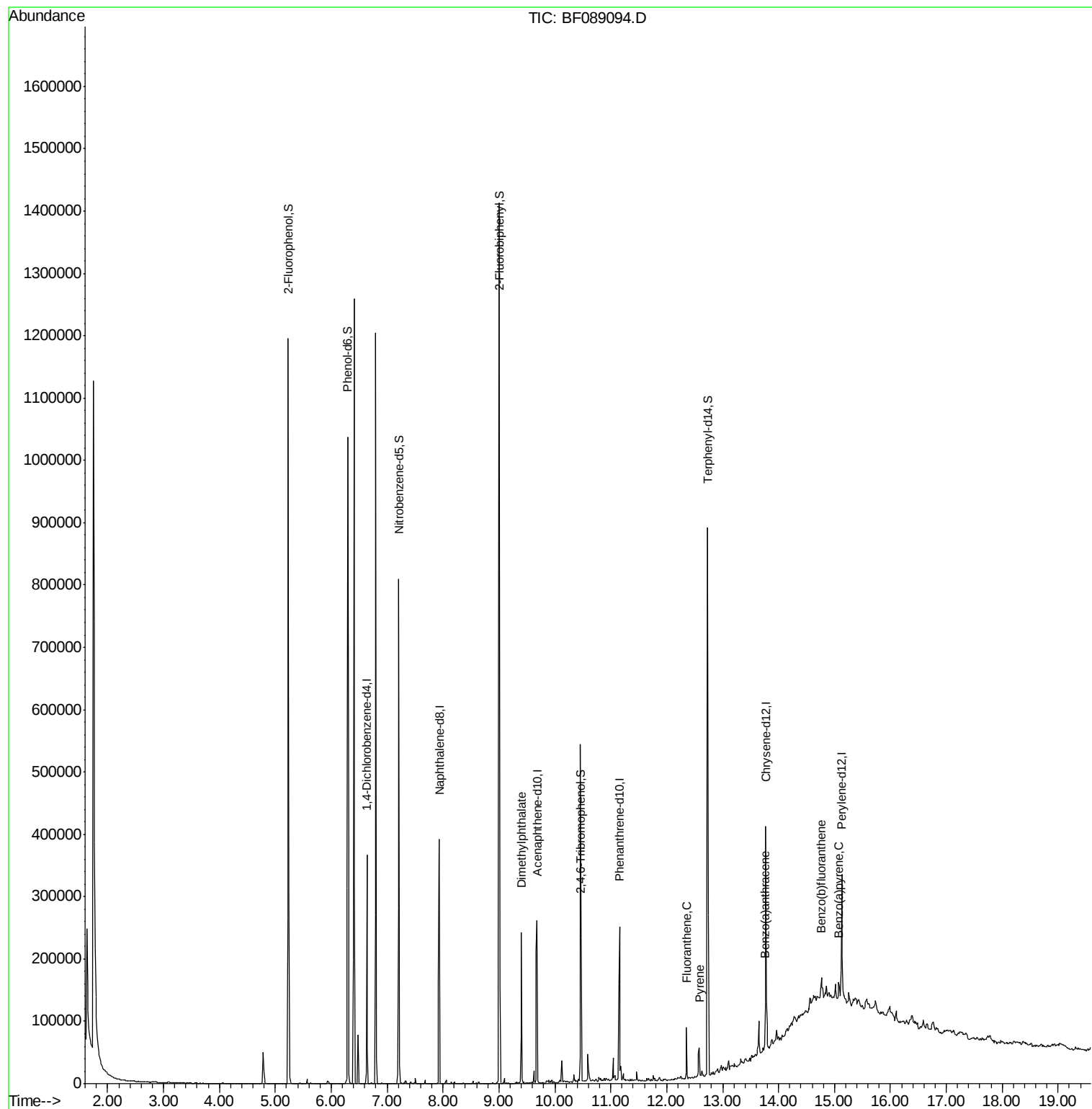
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	48886	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	193634	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	69077	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	110304	20.00	ng	0.00
75) Chrysene-d12	13.77	240	96028	20.00	ng	0.00
86) Perylene-d12	15.13	264	74252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	345360	105.88	ng	0.01
7) Phenol-d6	6.30	99	427724	101.48	ng	0.00
23) Nitrobenzene-d5	7.21	82	276443	74.82	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	60194	93.84	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	398415	91.11	ng	0.00
78) Terphenyl-d14	12.73	244	254661	59.07	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	103463	21.02	ng	99
74) Fluoranthene	12.35	202	30237	4.95	ng	95
77) Pyrene	12.58	202	25037	3.08	ng	97
80) Benzo(a)anthracene	13.76	228	15967	2.58	ng	96
87) Benzo(b)fluoranthene	14.77	252	14537m	3.12	ng	
89) Benzo(a)pyrene	15.07	252	9574	2.43	ng	# 77

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089094.D
Acq On : 18 Jul 2016 21:11
Operator : UM/SJ
Sample : H4044-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M10-B2(0-4)C

Quant Time: Jul 19 12:08:55 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089094.D

Acq: 18 Jul 2016 21:11

Instrument :

BNA_F

ClientSampleId :

M10-B2(0-4)C

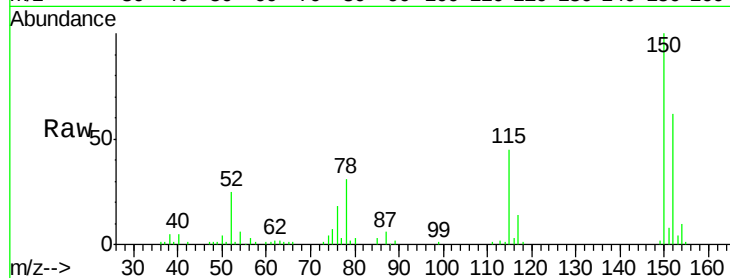
Tot Ion:152 Resp: 48886

Ion Ratio Lower Upper

152 100

150 160.0 123.8 185.6

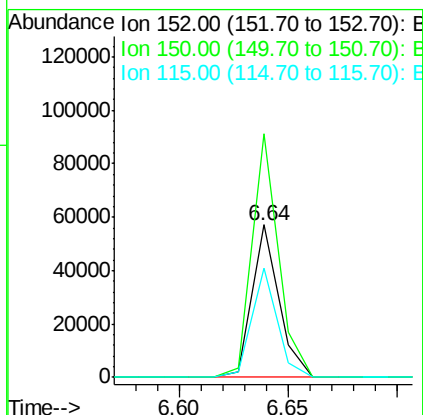
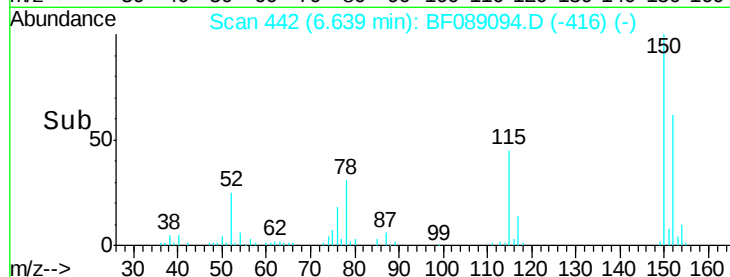
115 71.9 39.6 59.4#



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: 105.88 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF089094.D

Acq: 18 Jul 2016 21:11

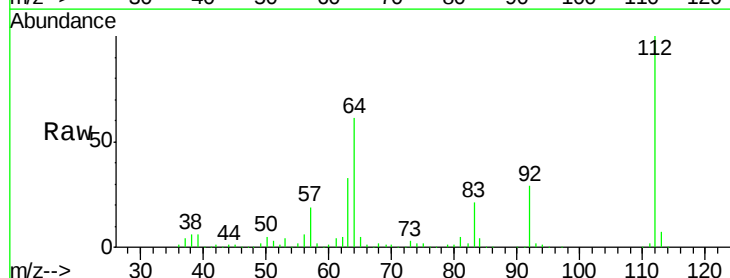
Tgt Ion:112 Resp: 345360

Ion Ratio Lower Upper

112 100

64 60.6 42.2 63.2

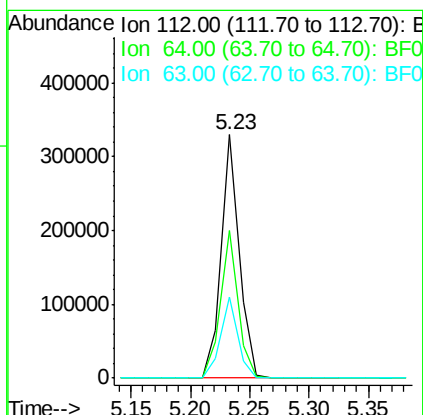
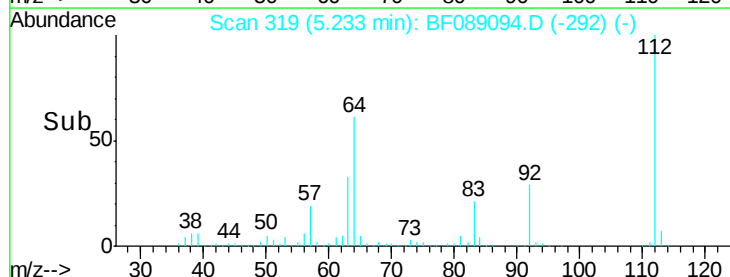
63 33.2 21.8 32.8#



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: 101.48 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089094.D

Acq: 18 Jul 2016 21:11

Instrument :

BNA_F

ClientSampleId :

M10-B2(0-4)C

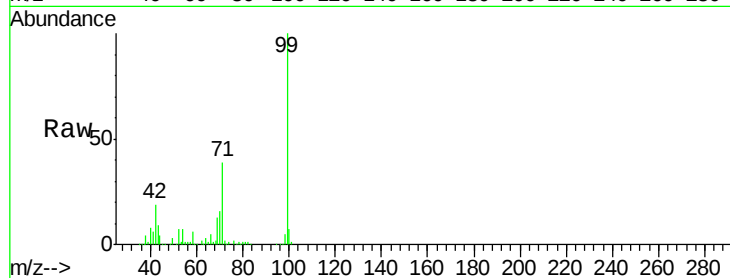
Tot Ion: 99 Resp: 427724

Ion Ratio Lower Upper

99 100

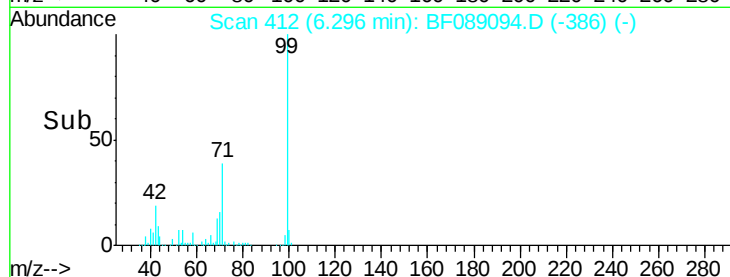
42 19.0 12.2 18.2#

71 38.9 23.4 35.0#

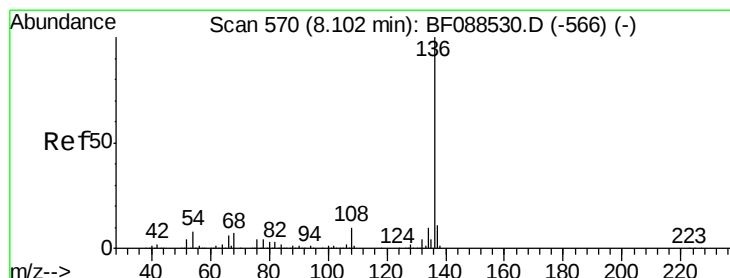


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.30



Time--> 6.20 6.30 6.40



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089094.D

Acq: 18 Jul 2016 21:11

Tgt Ion: 136 Resp: 193634

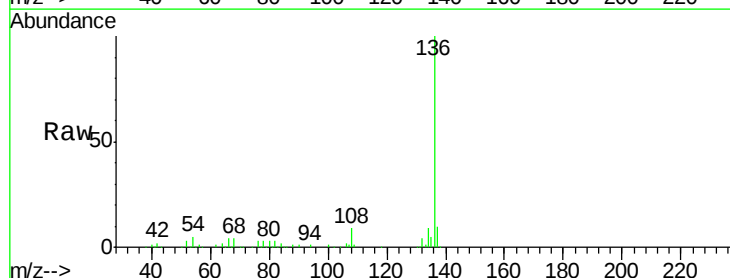
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

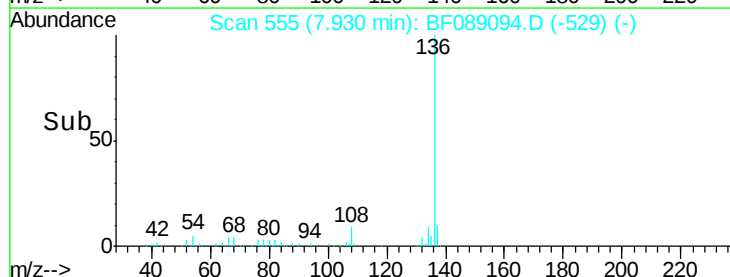
54 5.3 6.6 10.0#

68 4.3 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

7.93



Time--> 7.85 7.90 7.95 8.00



#23

Nitrobenzene-d5

Concen: 74.82 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF089094.D

Acq: 18 Jul 2016 21:11

Instrument :

BNA_F

ClientSampleId :

M10-B2(0-4)C

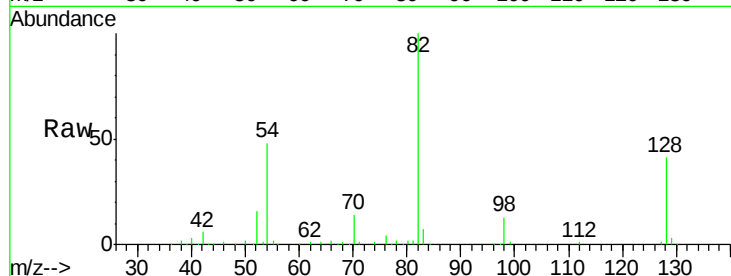
Tot Ion: 82 Resp: 276443

Ion Ratio Lower Upper

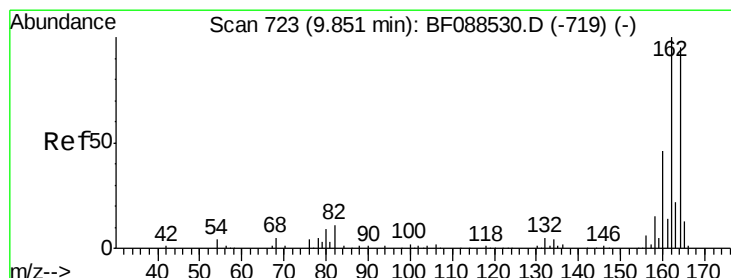
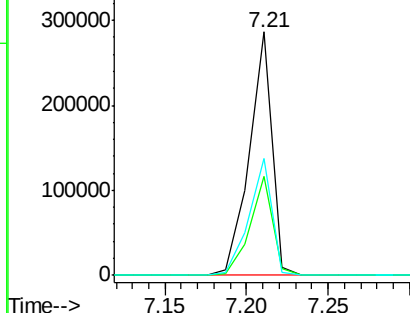
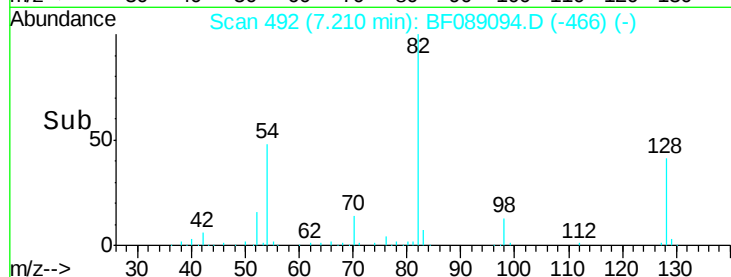
82 100

128 40.6 35.9 53.9

54 48.2 40.9 61.3



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: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF089094.D

Acq: 18 Jul 2016 21:11

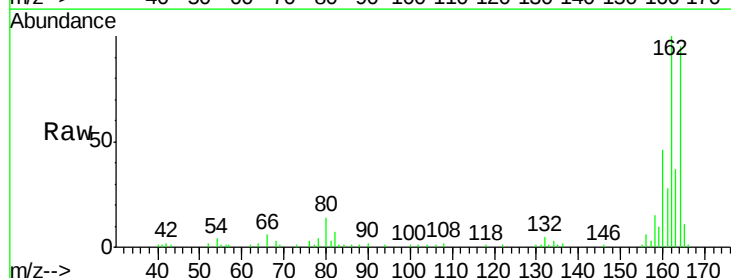
Tgt Ion:164 Resp: 69077

Ion Ratio Lower Upper

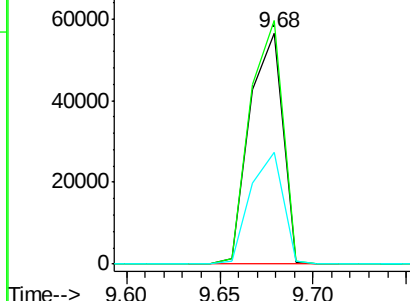
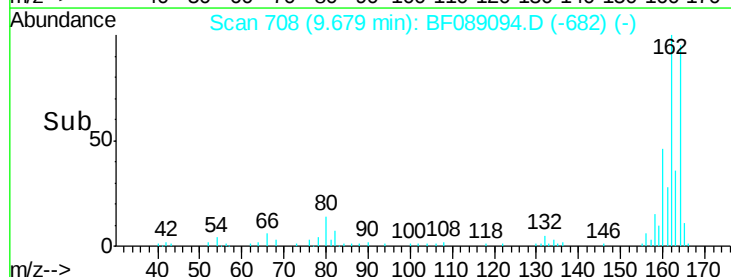
164 100

162 105.5 85.4 128.2

160 48.5 39.5 59.3



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: 93.84 ng

RT: 10.47 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF089094.D

Acq: 18 Jul 2016 21:11

Instrument :

BNA_F

ClientSampleId :

M10-B2(0-4)C

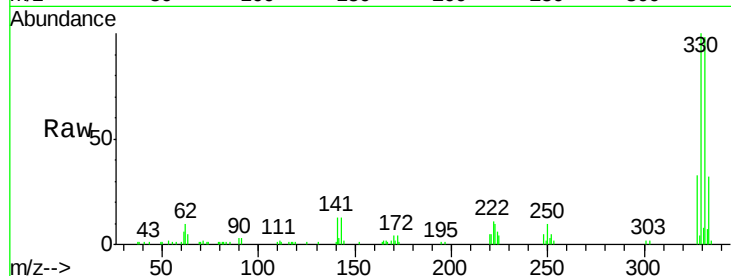
Tot Ion:330 Resp: 60194

Ion Ratio Lower Upper

330 100

332 95.2 0.0 0.0#

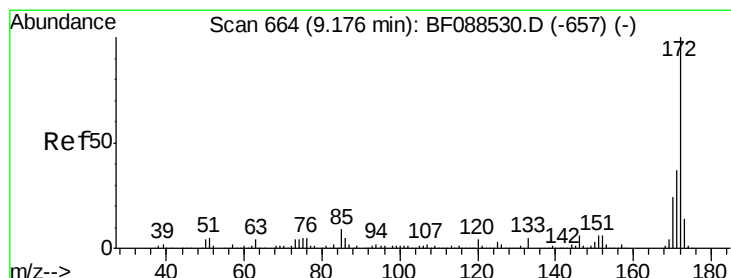
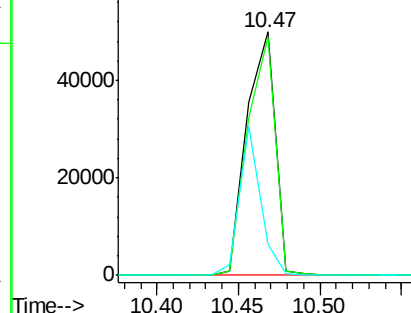
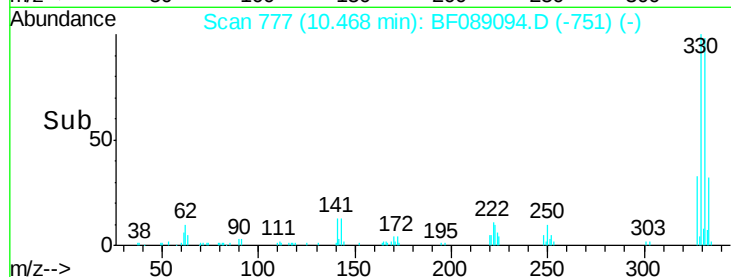
141 44.7 0.0 0.0#



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: 91.11 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF089094.D

Acq: 18 Jul 2016 21:11

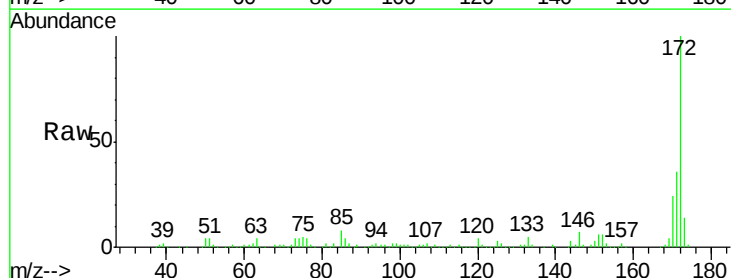
Tgt Ion:172 Resp: 398415

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

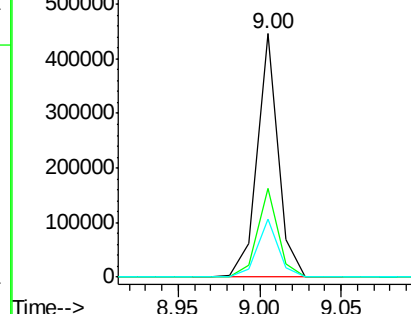
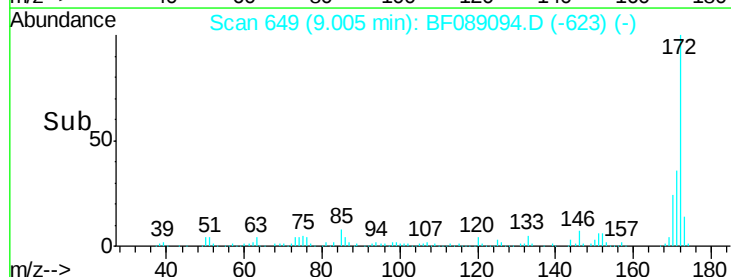
170 23.7 19.2 28.8

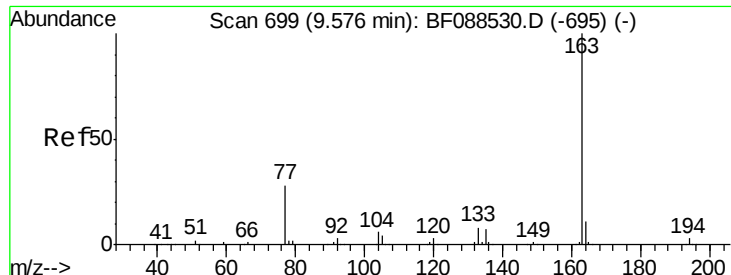


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

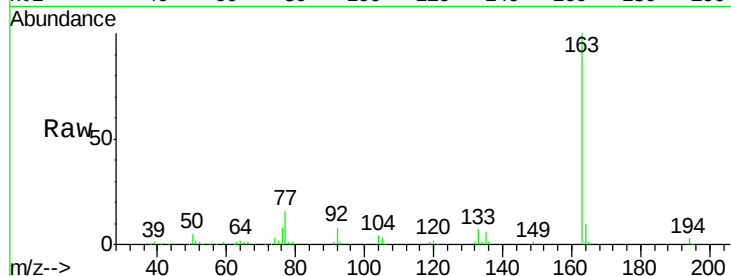




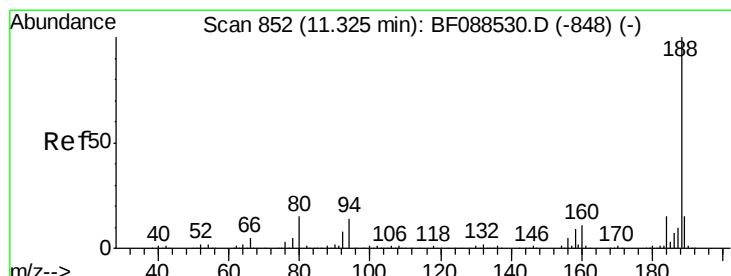
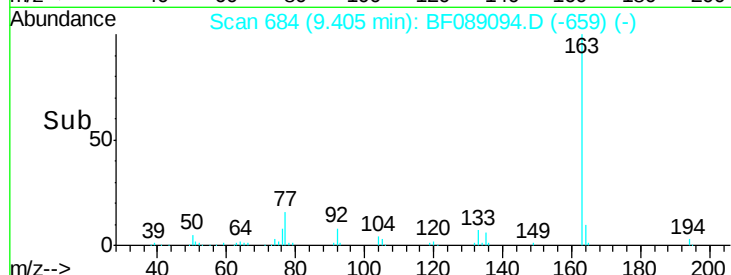
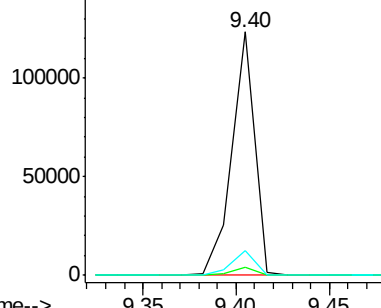
#49
Dimethylphthalate
Concen: 21.02 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF089094.D
Acq: 18 Jul 2016 21:11

Instrument :
BNA_F
ClientSampleId :
M10-B2(0-4)C

Tot Ion:163 Resp: 103463
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.0 8.3 12.5

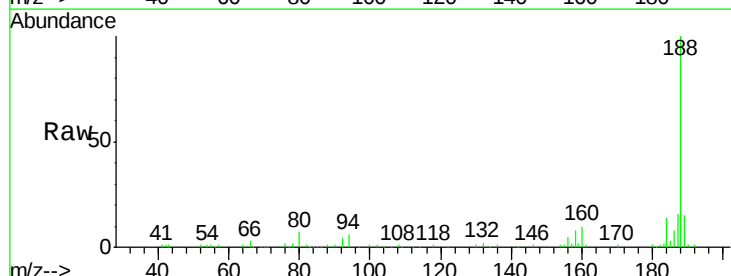


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

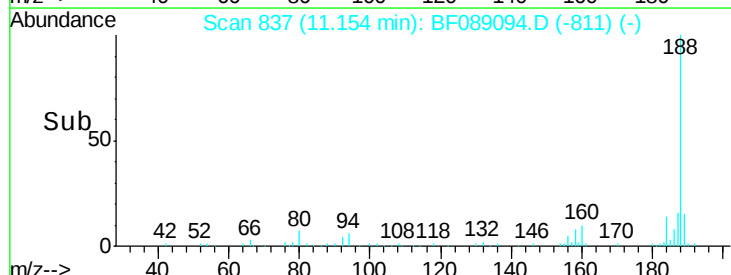
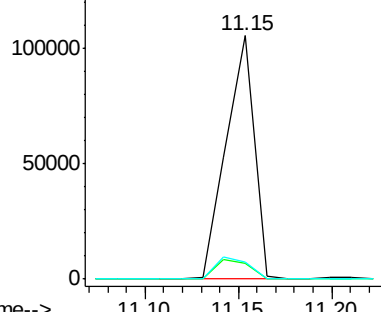


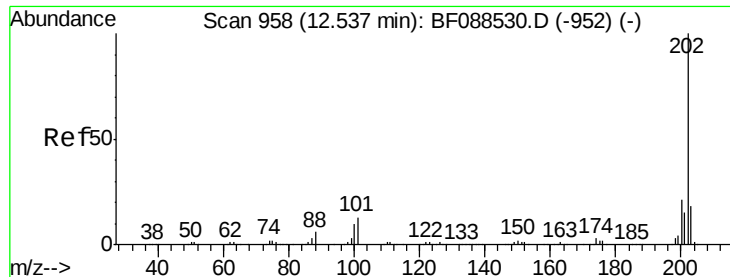
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF089094.D
Acq: 18 Jul 2016 21:11

Tgt Ion:188 Resp: 110304
Ion Ratio Lower Upper
188 100
94 6.4 9.0 13.6#
80 6.8 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

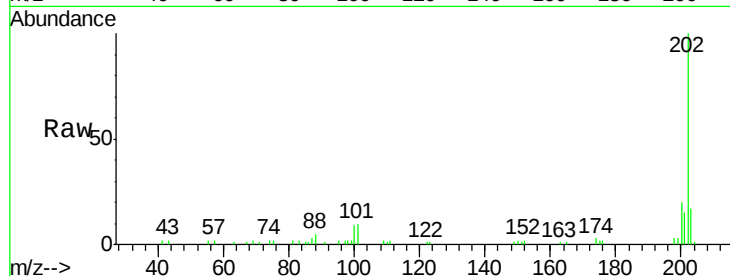




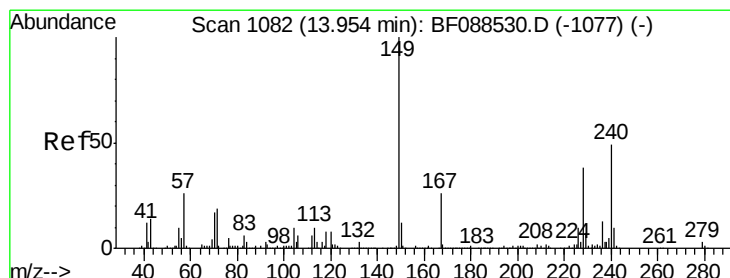
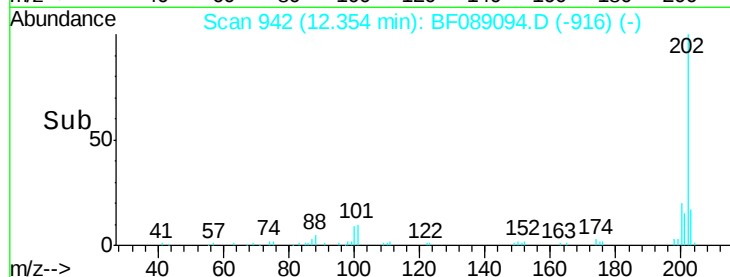
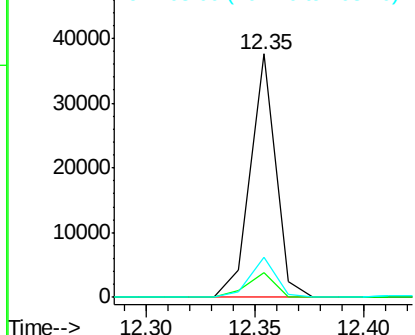
#74
Fluoranthene
 Concen: 4.95 ng
 RT: 12.35 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF089094.D
 Acq: 18 Jul 2016 21:11

Instrument :
 BNA_F
 ClientSampleId :
 M10-B2(0-4)C

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	33.1
203	16.6	0.0	38.1

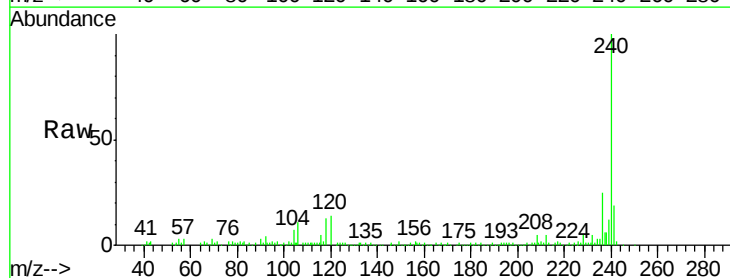


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

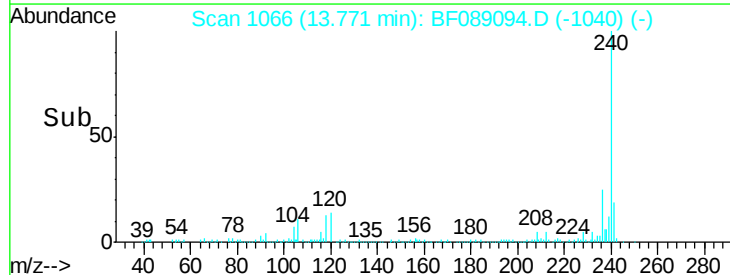
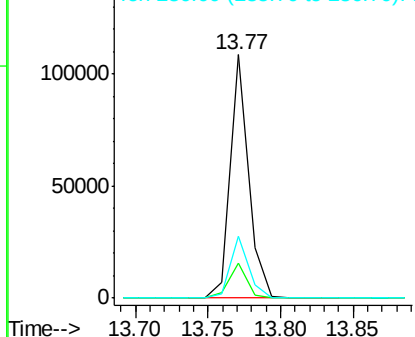


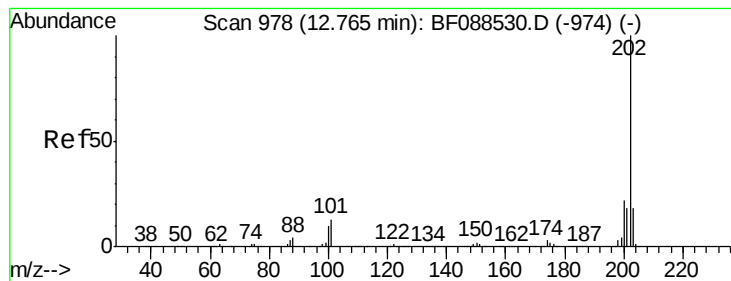
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF089094.D
 Acq: 18 Jul 2016 21:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	6.8	10.2#
236	25.3	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

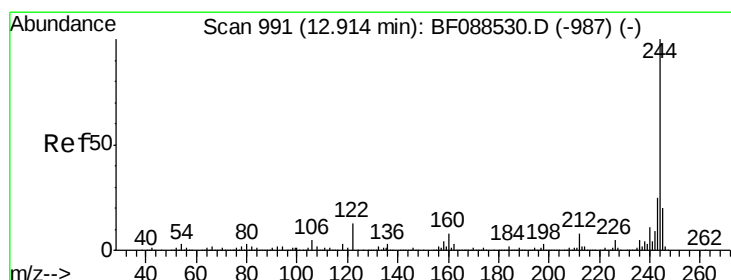
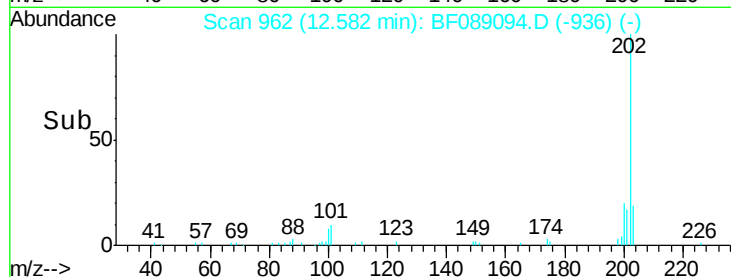
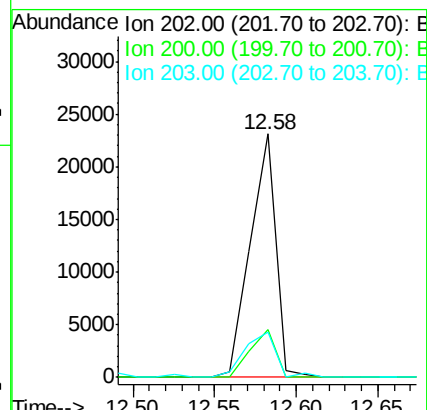
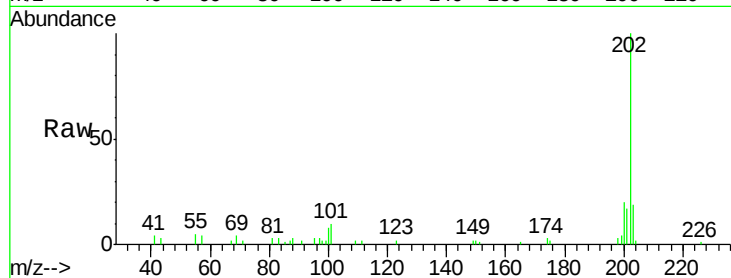




#77
Pvrene
Concen: 3.08 ng
RT: 12.58 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF089094.D
Acq: 18 Jul 2016 21:11

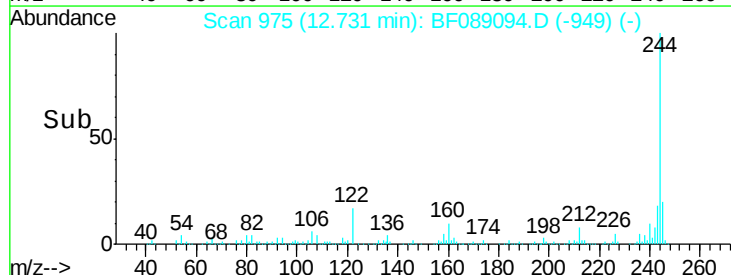
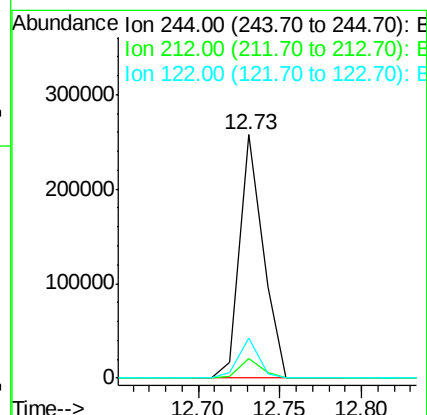
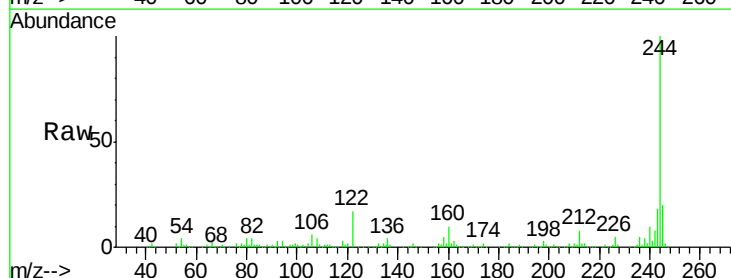
Instrument :
BNA_F
ClientSampleId :
M10-B2(0-4)C

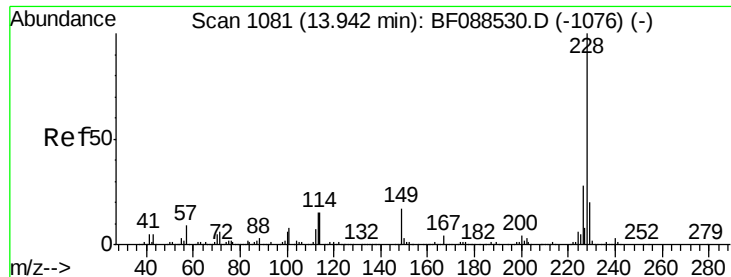
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.8	14.5	21.7



#78
Terphenyl-d14
Concen: 59.07 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF089094.D
Acq: 18 Jul 2016 21:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	16.6	11.2	16.8





#80

Benzo(a)anthracene

Concen: 2.58 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089094.D

Acq: 18 Jul 2016 21:11

Instrument :

BNA_F

ClientSampleId :

M10-B2(0-4)C

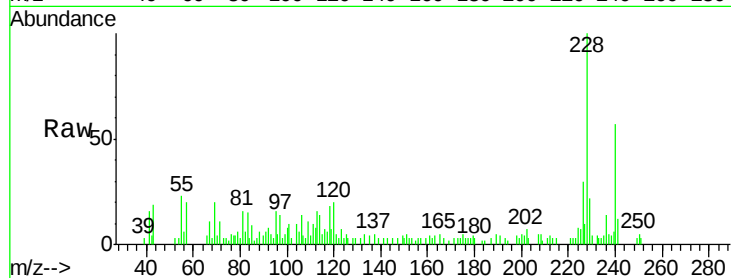
Tot Ion:228 Resp: 15967

Ion Ratio Lower Upper

228 100

226 29.7 22.3 33.5

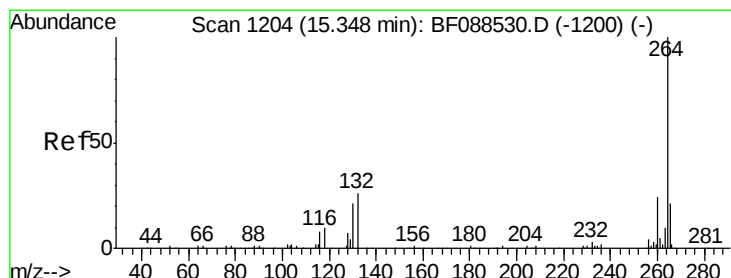
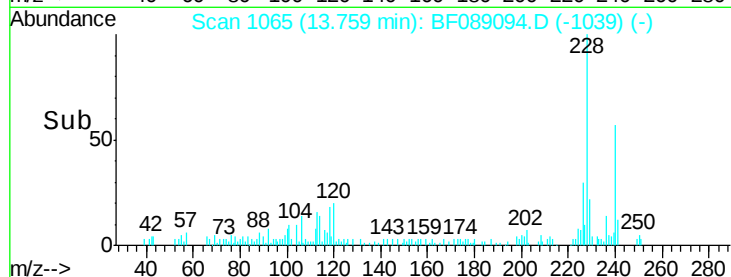
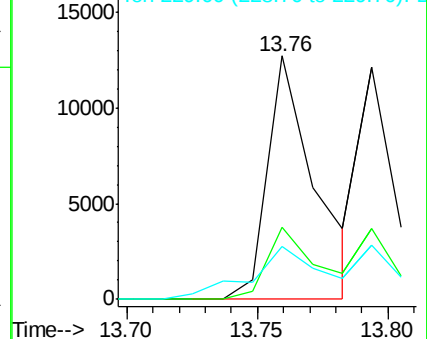
229 21.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF089094.D

Acq: 18 Jul 2016 21:11

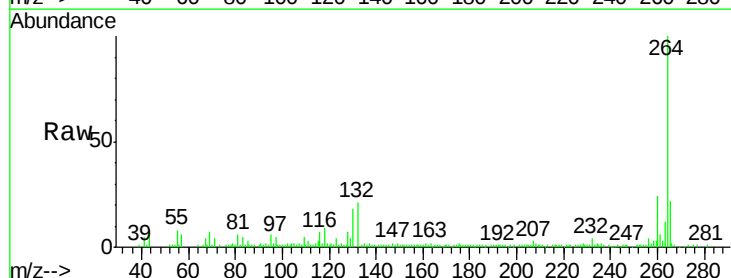
Tgt Ion:264 Resp: 74252

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

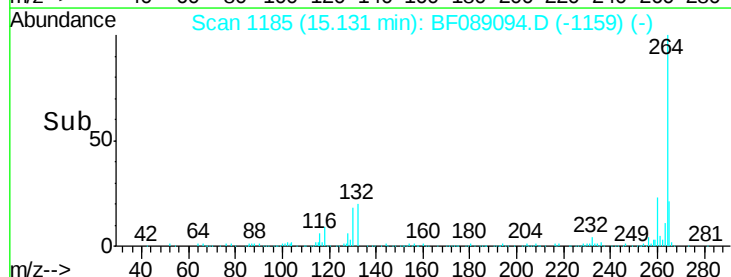
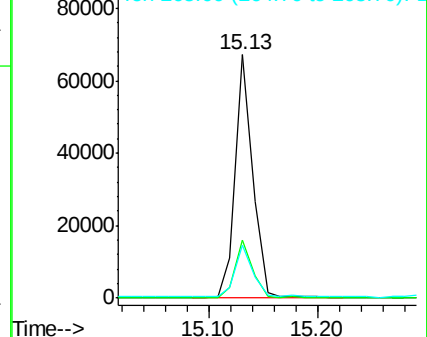
265 21.8 16.9 25.3

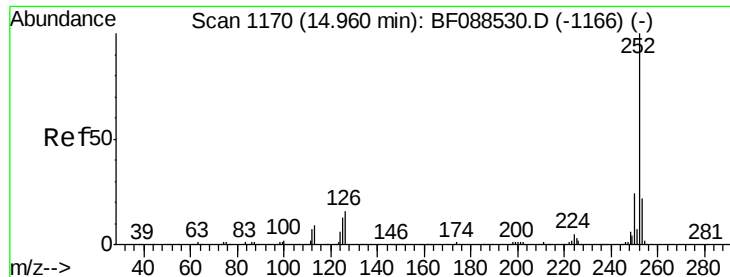


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

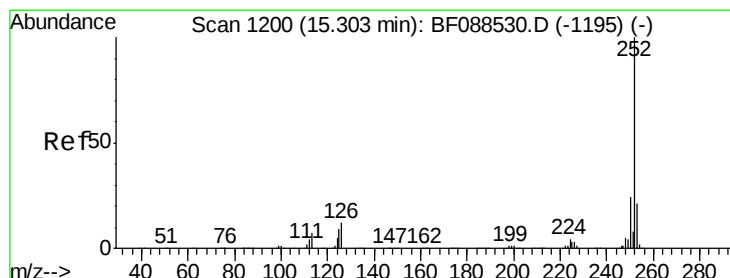
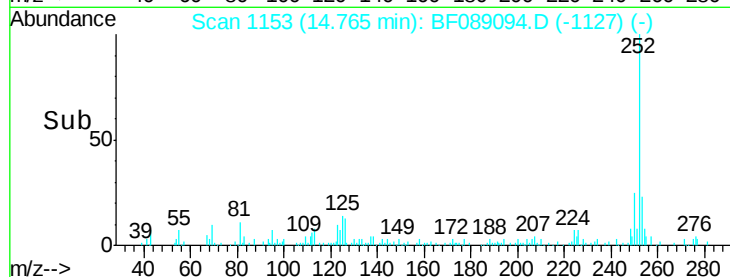
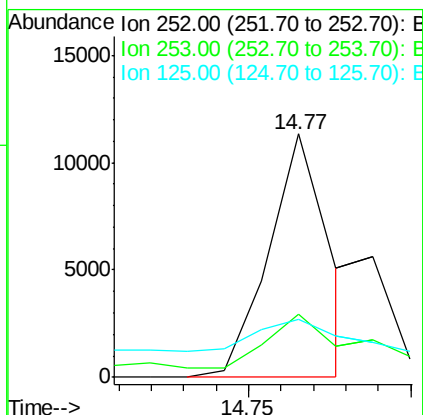
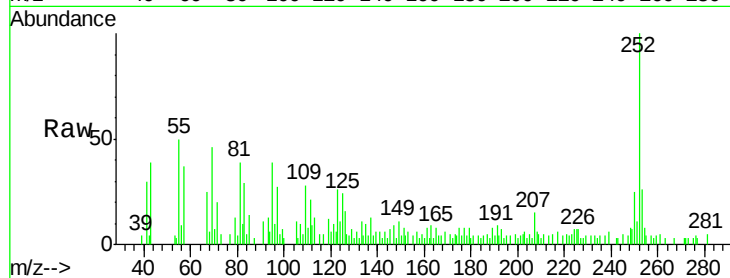




#87
Benzo(b)fluoranthene
Concen: 3.12 ng/ml
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089094.D
Acq: 18 Jul 2016 21:11

Instrument :
BNA_F
ClientSampleId :
M10-B2(0-4)C

Tot Ion:252 Resp: 14537
Ion Ratio Lower Upper
252 100
253 26.0 17.4 26.2
125 23.7 7.1 10.7#



#89
Benzo(a)pyrene
Concen: 2.43 ng/ml
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089094.D
Acq: 18 Jul 2016 21:11

Tgt Ion:252 Resp: 9574
Ion Ratio Lower Upper
252 100
253 28.2 17.9 26.9#
125 32.2 12.5 18.7#

