

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089091.D
 Acq On : 18 Jul 2016 19:41
 Operator : UM/SJ
 Sample : H4044-23 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M10-B2(4-8)C

Quant Time: Jul 19 03:59:38 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

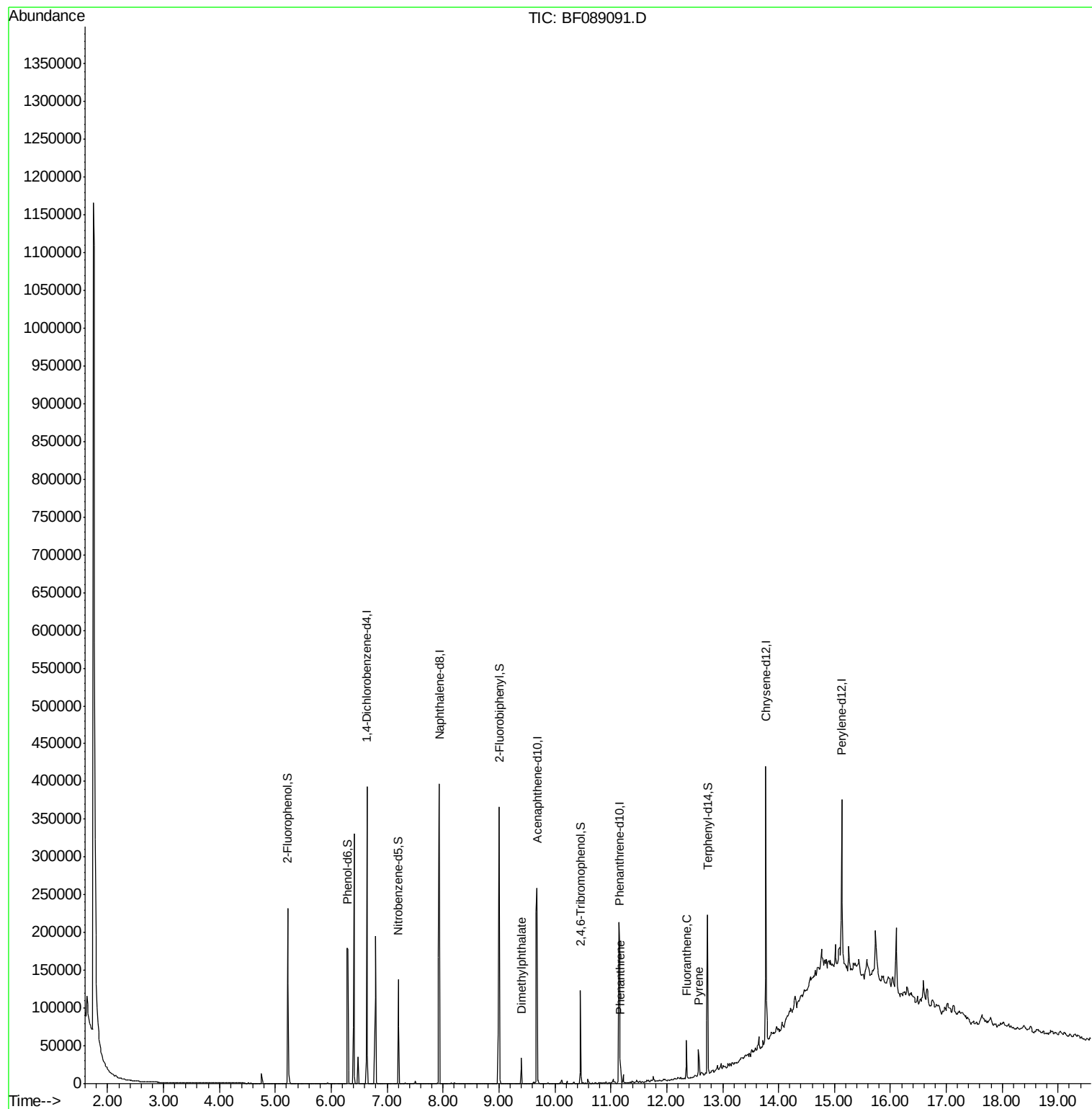
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	51634	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	196196	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	70992	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	107576	20.00	ng	0.00
75) Chrysene-d12	13.77	240	102620	20.00	ng	0.00
86) Perylene-d12	15.13	264	83085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	76863	22.31	ng	0.00
7) Phenol-d6	6.30	99	93026	20.90	ng	0.00
23) Nitrobenzene-d5	7.20	82	53182	14.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	11259	17.08	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	106053	23.60	ng	0.00
78) Terphenyl-d14	12.73	244	63156	13.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.40	163	18528	3.66	ng	Qvalue # 97
70) Phenanthrene	11.16	178	15639	2.66	ng	100
74) Fluoranthene	12.35	202	20647	3.46	ng	94
77) Pyrene	12.57	202	17765m	2.04	ng	

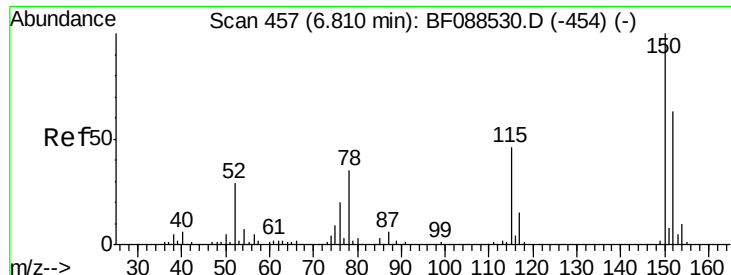
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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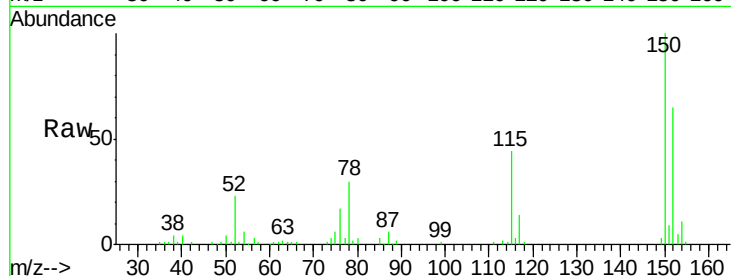


#1

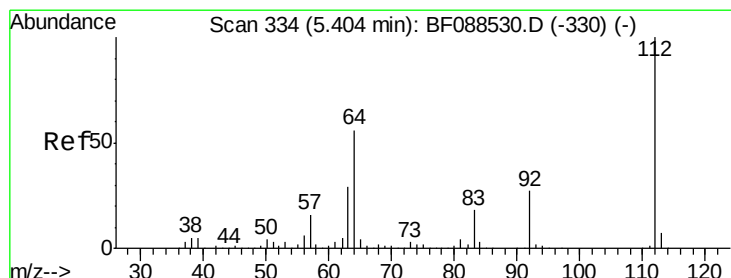
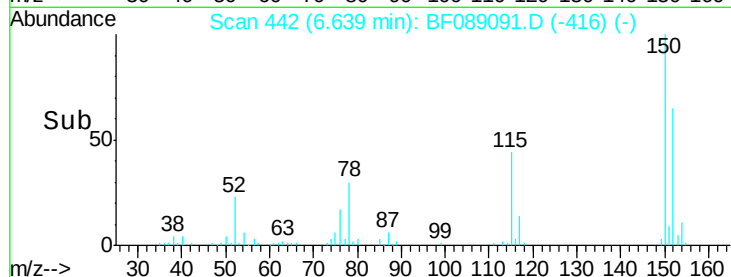
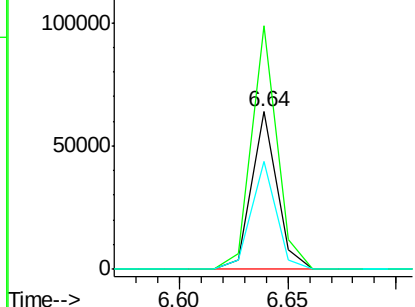
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampled :
M10-B2(4-8)C

Tot Ion:152 Resp: 51634
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 68.8 39.6 59.4#



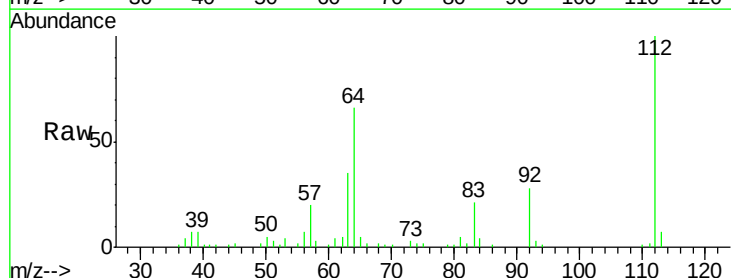
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



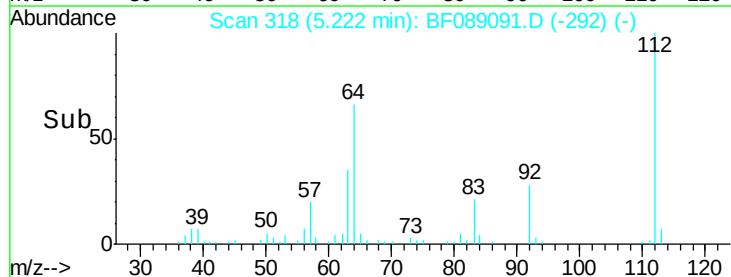
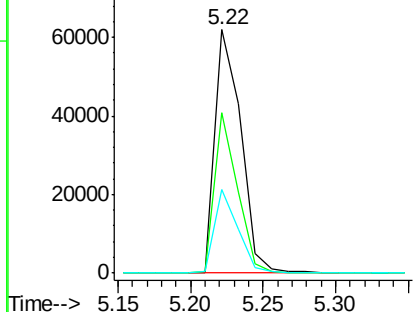
#5

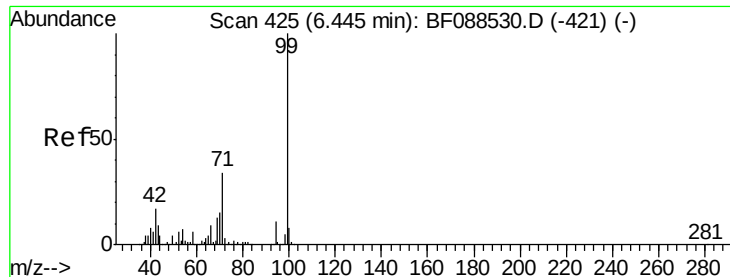
2-Fluorophenol
Concen: 22.31 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.00 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion:112 Resp: 76863
Ion Ratio Lower Upper
112 100
64 65.7 42.2 63.2#
63 34.5 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: 20.90 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089091.D

Acq: 18 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

M10-B2(4-8)C

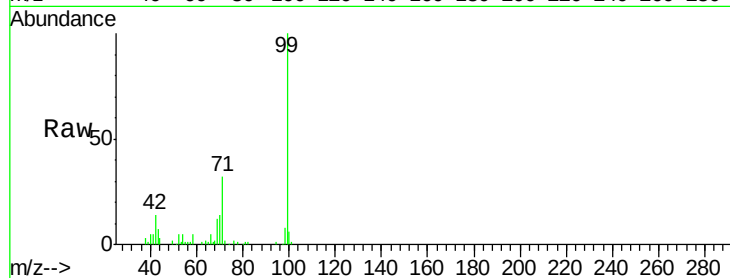
Tot Ion: 99 Resp: 93026

Ion Ratio Lower Upper

99 100

42 13.5 12.2 18.2

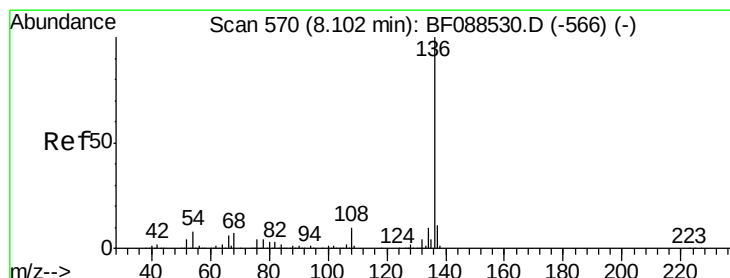
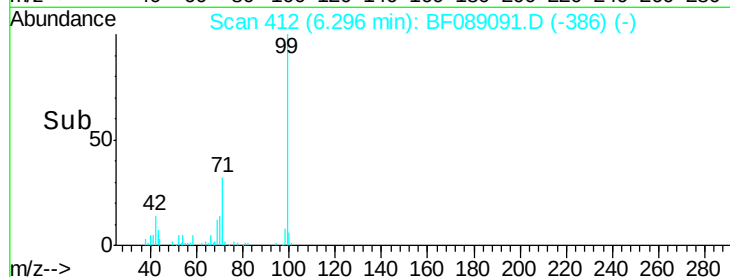
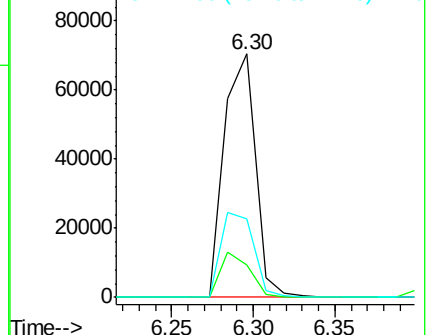
71 32.3 23.4 35.0



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: BF089091.D

Acq: 18 Jul 2016 19:41

Tgt Ion: 136 Resp: 196196

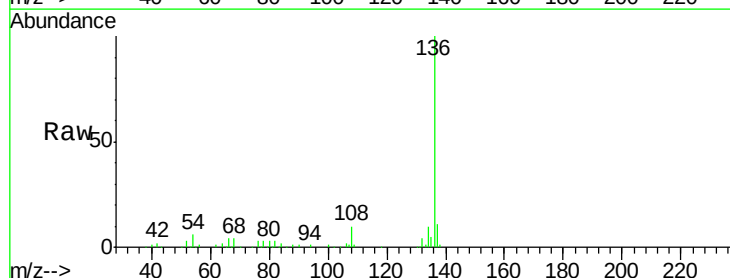
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.5 6.6 10.0#

68 4.5 5.1 7.7#

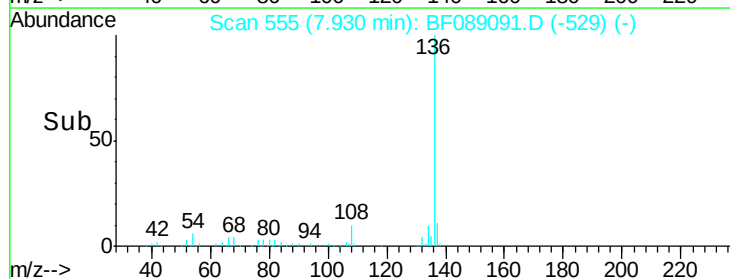
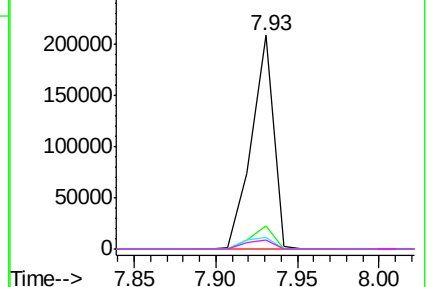


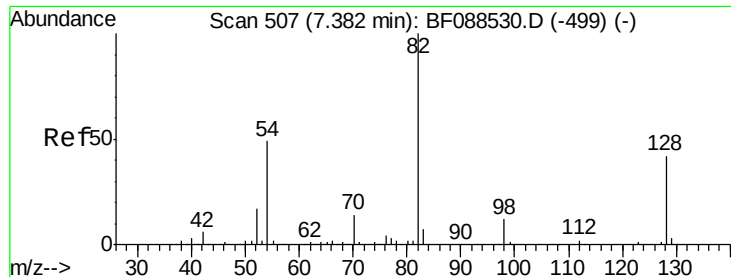
Abundance Ion 136.00 (135.70 to 136.70): E

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

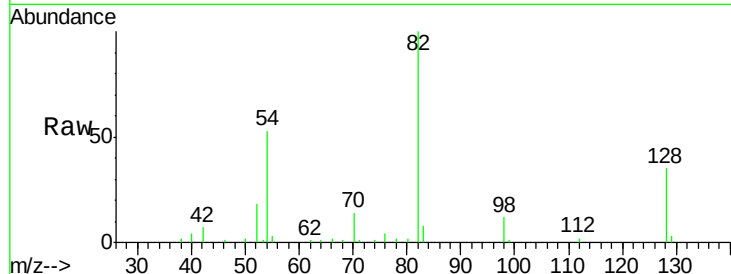




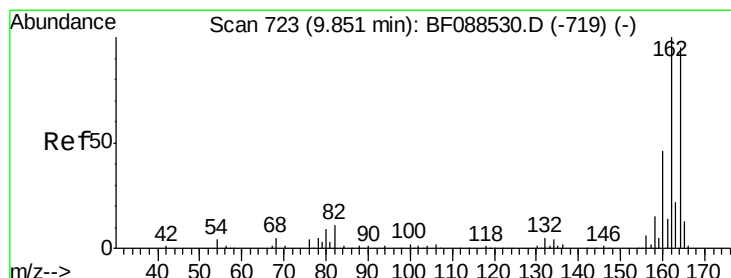
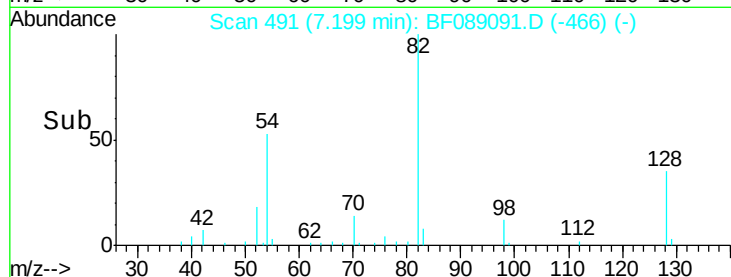
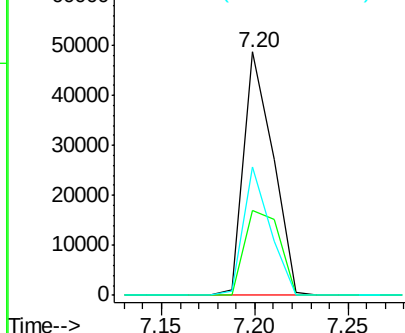
#23
 Nitrobenzene-d5
 Concen: 14.21 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089091.D
 Acq: 18 Jul 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 M10-B2(4-8)C

Tot Ion: 82 Resp: 53182
 Ion Ratio Lower Upper
 82 100
 128 34.9 35.9 53.9#
 54 52.9 40.9 61.3

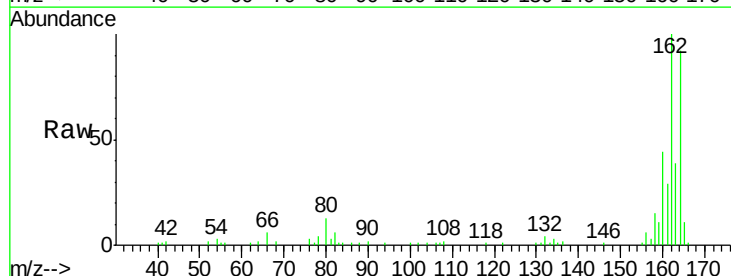


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

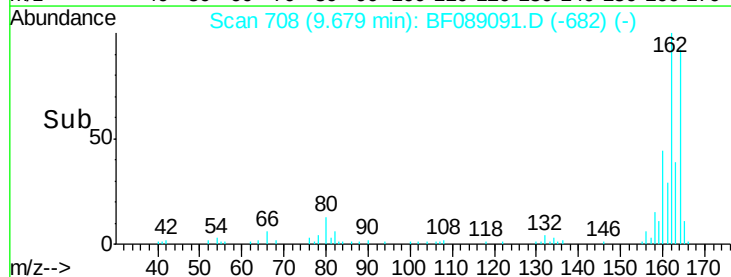
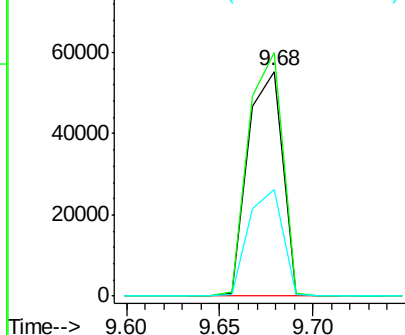


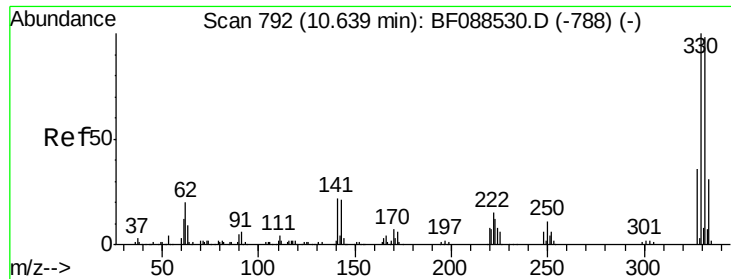
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF089091.D
 Acq: 18 Jul 2016 19:41

Tgt Ion:164 Resp: 70992
 Ion Ratio Lower Upper
 164 100
 162 108.2 85.4 128.2
 160 47.4 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

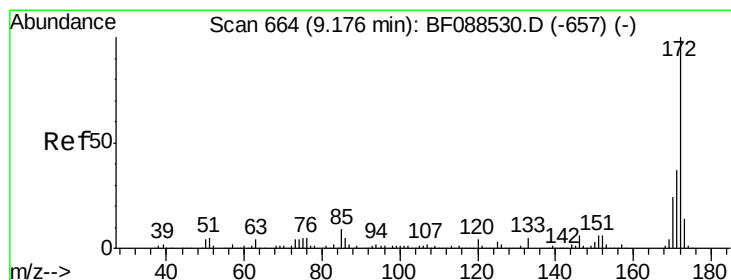
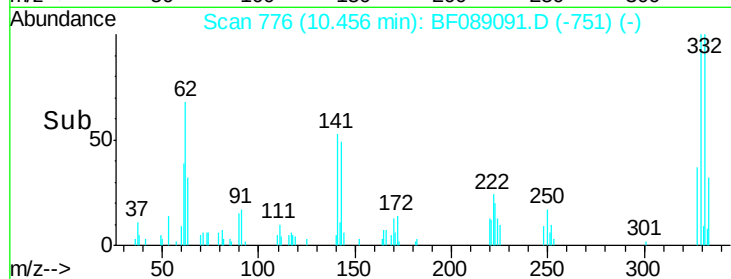
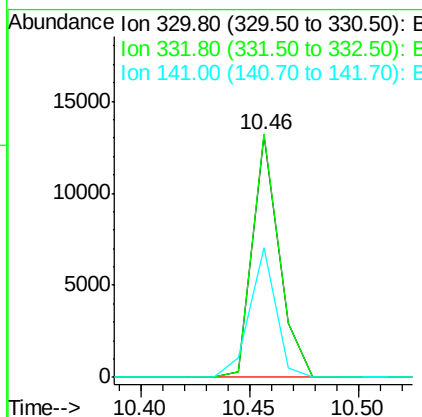
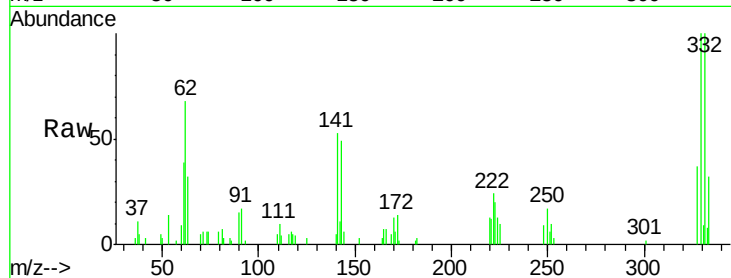




#41
 2,4,6-Tribromophenol
 Concen: 17.08 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF089091.D
 Acq: 18 Jul 2016 19:41

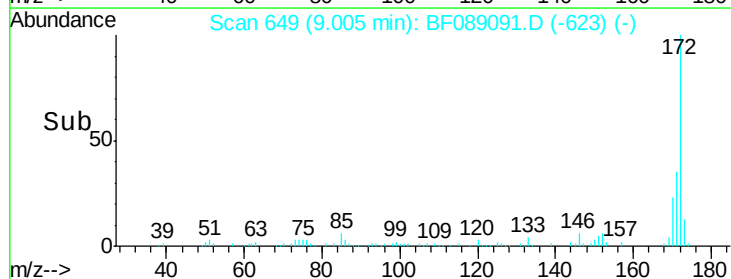
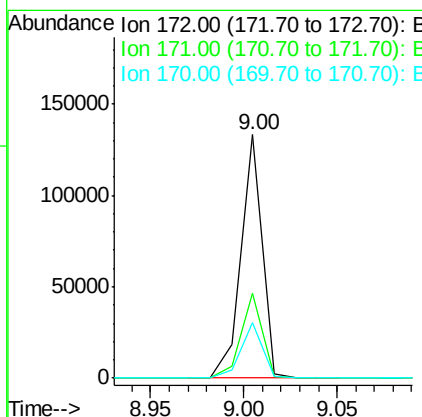
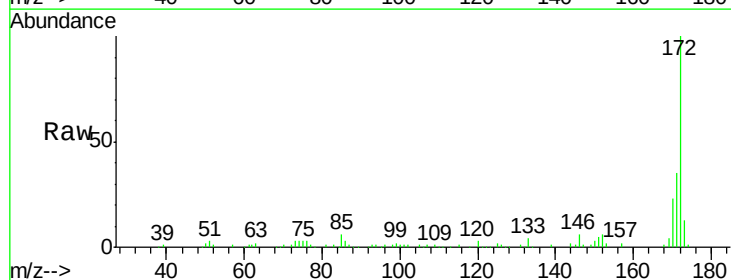
Instrument :
 BNA_F
 ClientSampleId :
 M10-B2(4-8)C

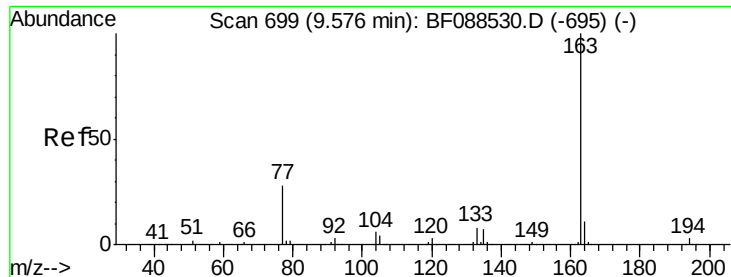
Tot Ion	Ratio	Lower	Upper
330	100		
332	100.3	0.0	0.0#
141	52.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 23.60 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089091.D
 Acq: 18 Jul 2016 19:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.0	19.2	28.8





#49

Dimethylphthalate

Concen: 3.66 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF089091.D

Acq: 18 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

M10-B2(4-8)C

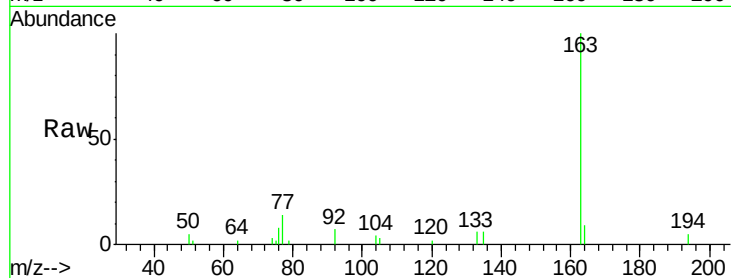
Tot Ion:163 Resp: 18528

Ion Ratio Lower Upper

163 100

194 4.5 2.8 4.2#

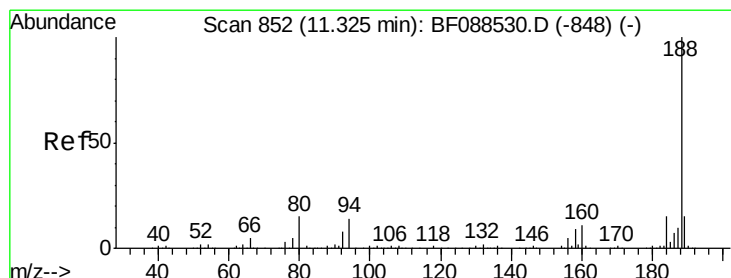
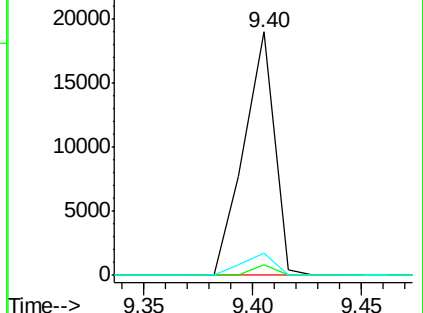
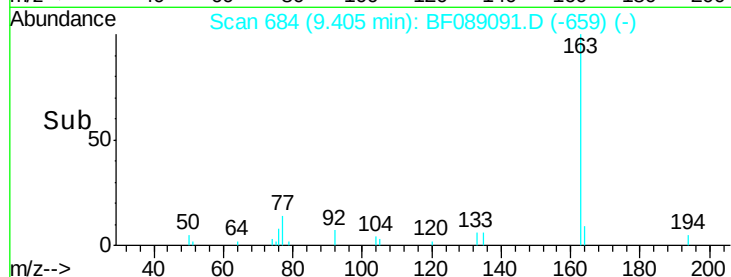
164 9.3 8.3 12.5



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: BF089091.D

Acq: 18 Jul 2016 19:41

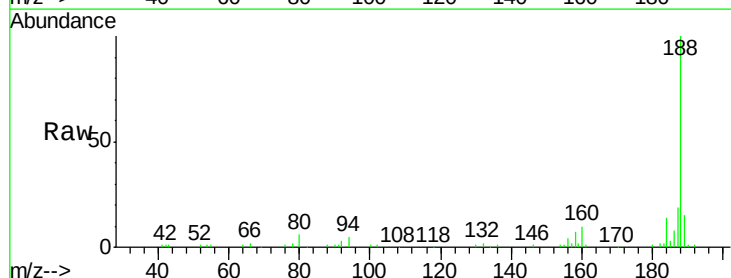
Tgt Ion:188 Resp: 107576

Ion Ratio Lower Upper

188 100

94 5.2 9.0 13.6#

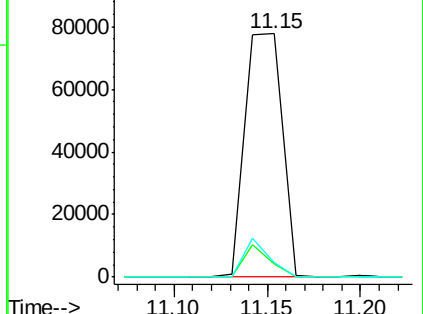
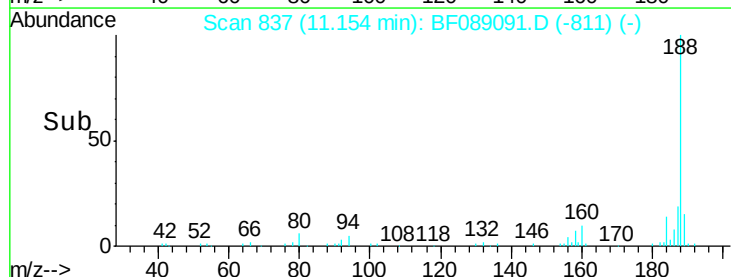
80 5.7 10.0 15.0#

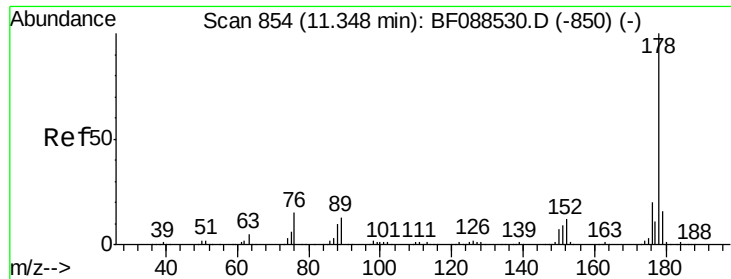


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

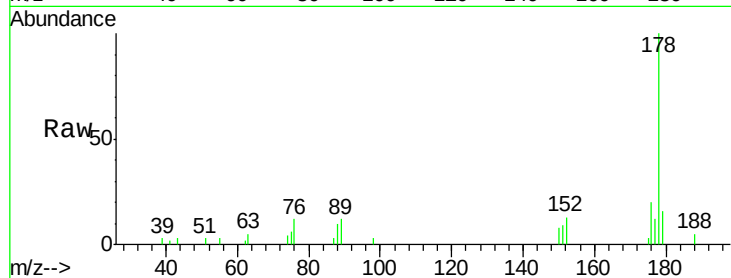




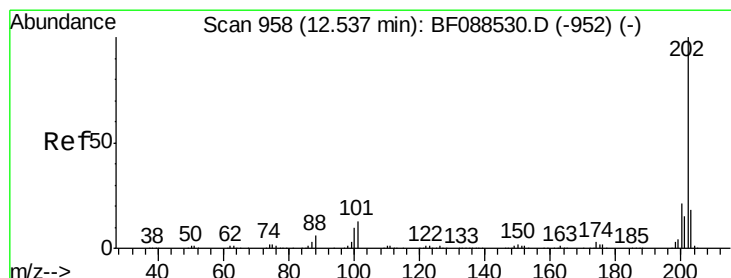
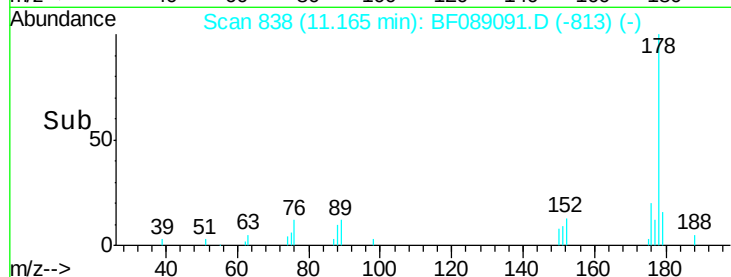
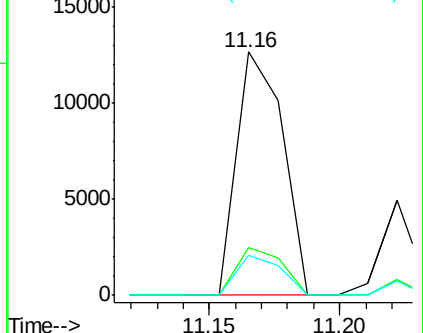
#70
Phenanthrene
Concen: 2.66 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Instrument :
BNA_F
ClientSampleId :
M10-B2(4-8)C

Tot Ion:178 Resp: 15639
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.4 13.0 19.4

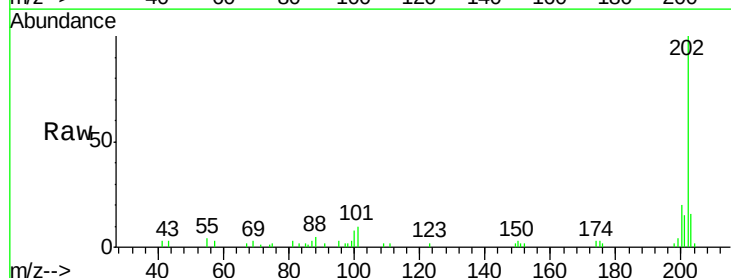


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

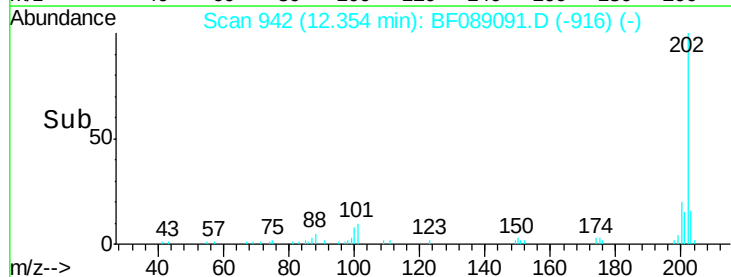
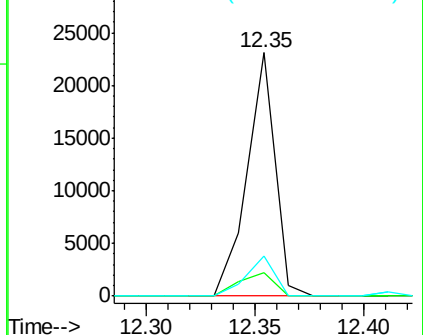


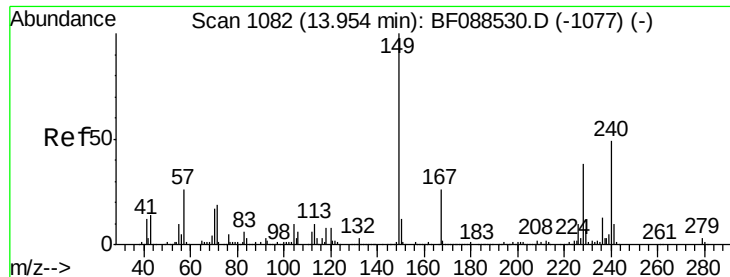
#74
Fluoranthene
Concen: 3.46 ng
RT: 12.35 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF089091.D
Acq: 18 Jul 2016 19:41

Tgt Ion:202 Resp: 20647
Ion Ratio Lower Upper
202 100
101 9.5 0.0 33.1
203 16.5 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: BF089091.D

Acq: 18 Jul 2016 19:41

Instrument :

BNA_F

ClientSampleId :

M10-B2(4-8)C

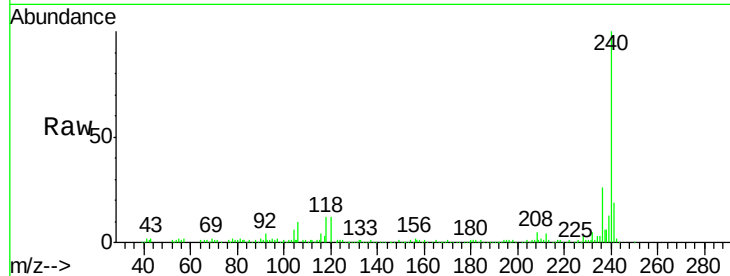
Tot Ion:240 Resp: 102620

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

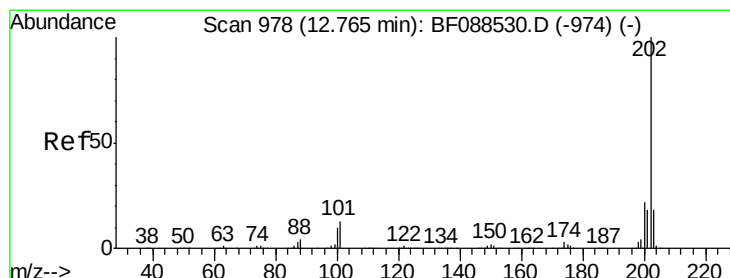
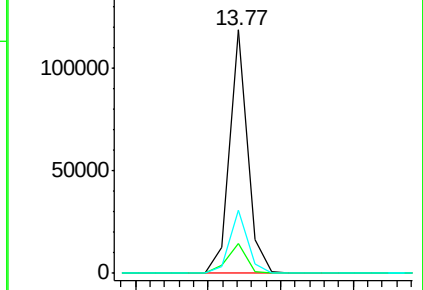
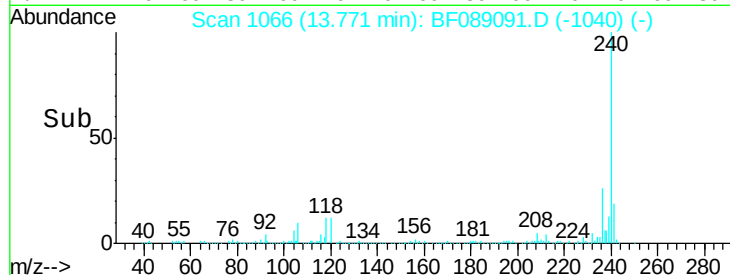
236 25.7 20.2 30.2



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: 2.04 ng m

RT: 12.57 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF089091.D

Acq: 18 Jul 2016 19:41

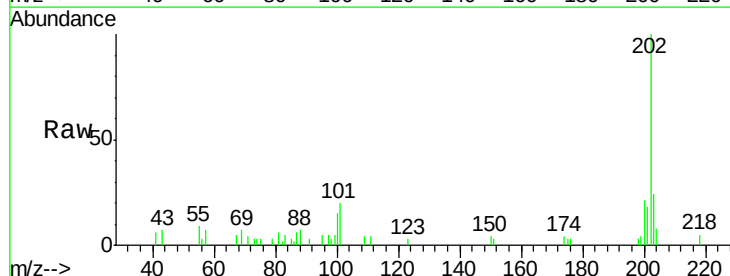
Tgt Ion:202 Resp: 17765

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

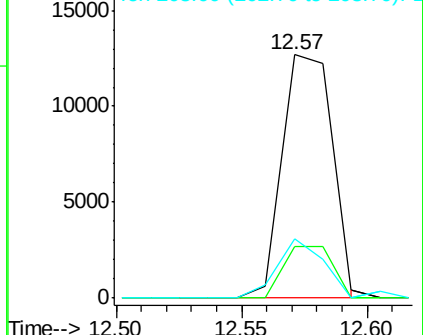
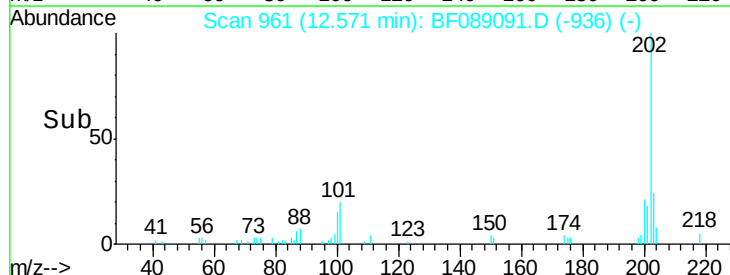
203 24.2 14.5 21.7#

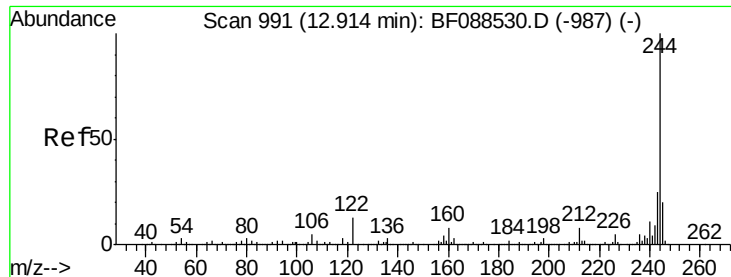


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

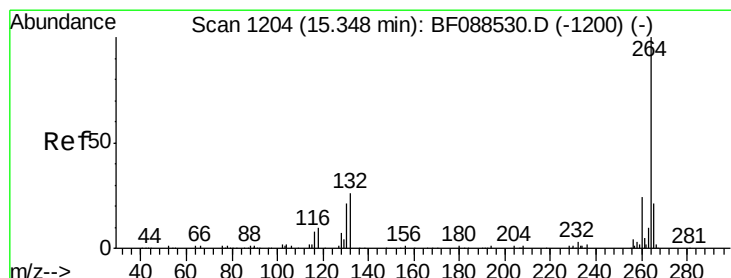
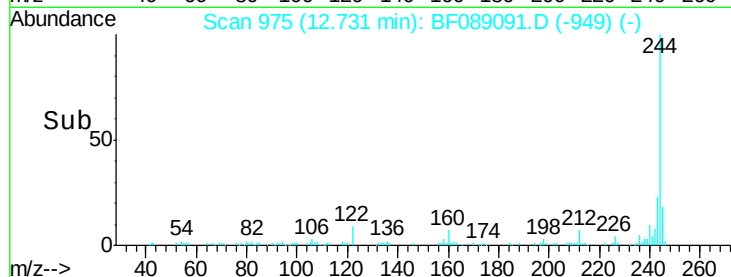
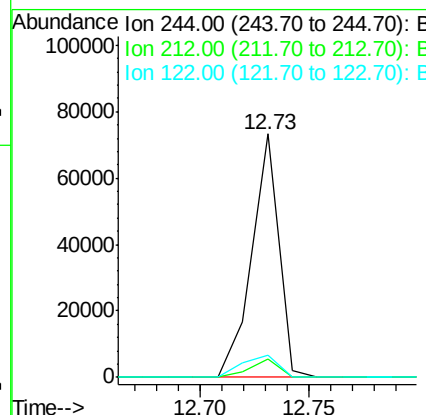
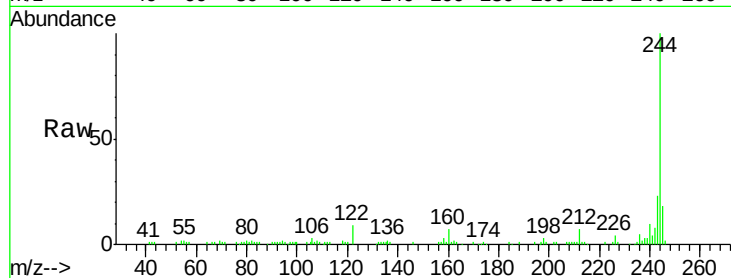




#78
 Terphenyl-d14
 Concen: 13.71 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF089091.D
 Acq: 18 Jul 2016 19:41

Instrument :
 BNA_F
 ClientSampleId :
 M10-B2(4-8)C

Tot Ion:244 Resp: 63156
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 8.9 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF089091.D
 Acq: 18 Jul 2016 19:41

Tgt Ion:264 Resp: 83085
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.7 16.9 25.3

