

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091029.D
 Acq On : 4 Nov 2016 19:18
 Operator : UM/SJ
 Sample : H5526-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-102-1.0-1.5

Quant Time: Nov 04 23:24:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

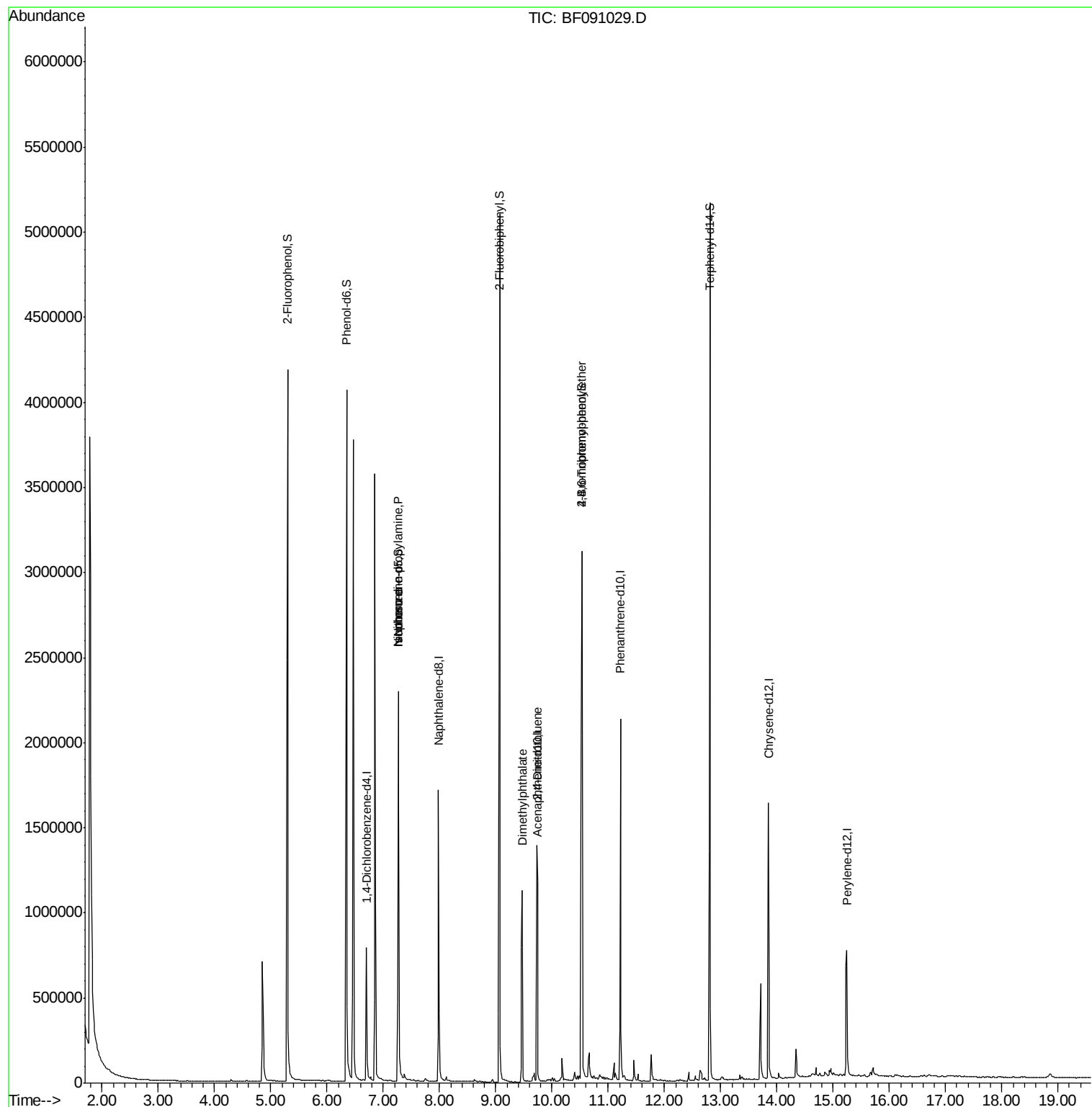
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	187773	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	830160	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	436162	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	730530	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	519620	20.00	ng	-0.01
86) Perylene-d12	15.24	264	376848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1427656	125.57	ng	0.01
7) Phenol-d6	6.35	99	1731415	112.20	ng	0.00
23) Nitrobenzene-d5	7.26	82	1209331	79.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	502528	127.44	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1831696	72.30	ng	0.00
78) Terphenyl-d14	12.81	244	1552675	74.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	162944	15.24	ng	# 79
25) Isophorone	7.26	82	1065408	36.33	ng	# 67
49) Dimethylphthalate	9.47	163	632125	22.10	ng	98
56) 2,4-Dinitrotoluene	9.73	165	55763	7.15	ng	# 26
66) 4-Bromophenyl-phenylether	10.53	248	35730	4.70	ng	# 1

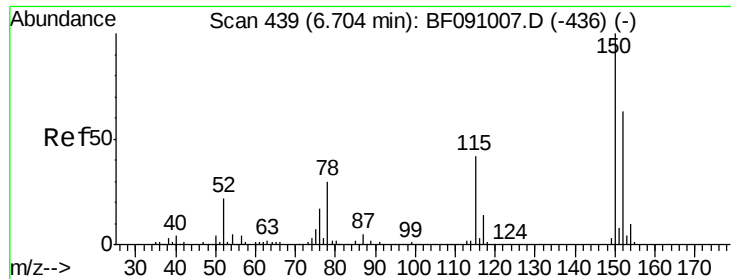
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 04 11:03:12 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF091029.D

Acq: 4 Nov 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SB-102-1.0-1.5

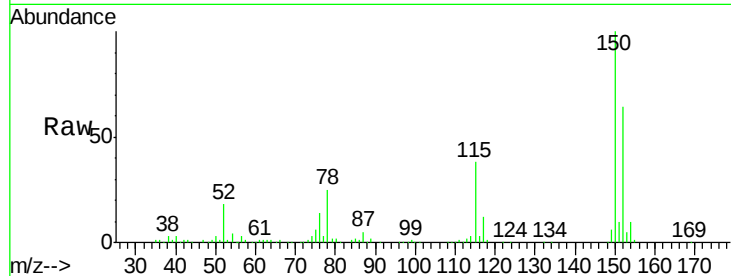
Tgt Ion:152 Resp: 187773

Ion Ratio Lower Upper

152 100

150 155.0 126.8 190.2

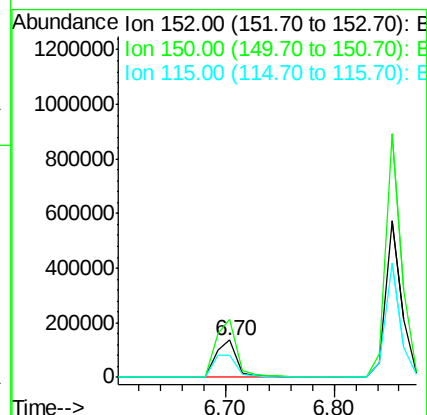
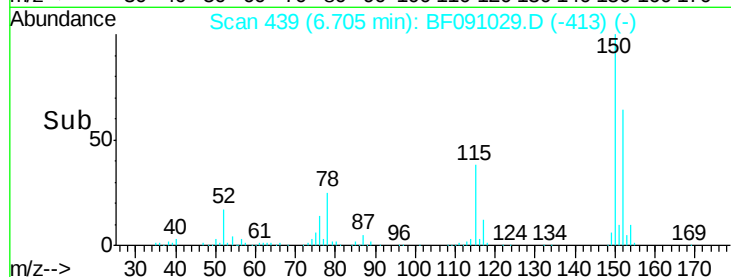
115 58.9 53.3 79.9



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: 125.57 ng

RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF091029.D

Acq: 4 Nov 2016 19:18

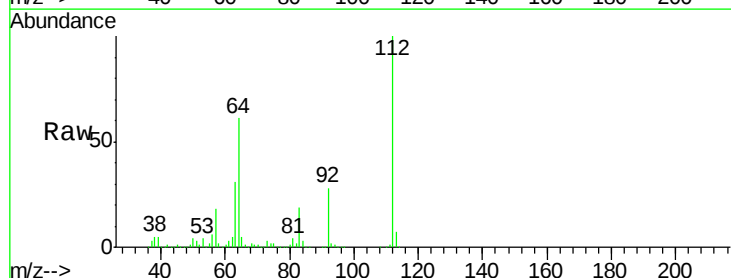
Tgt Ion:112 Resp: 1427656

Ion Ratio Lower Upper

112 100

64 60.7 55.8 83.6

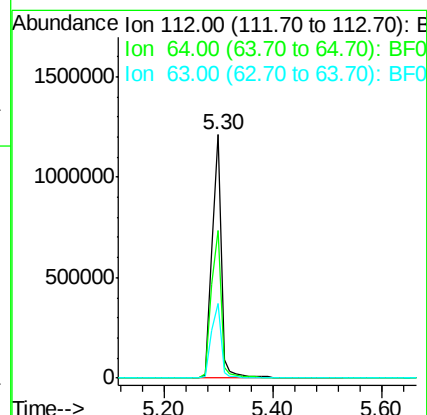
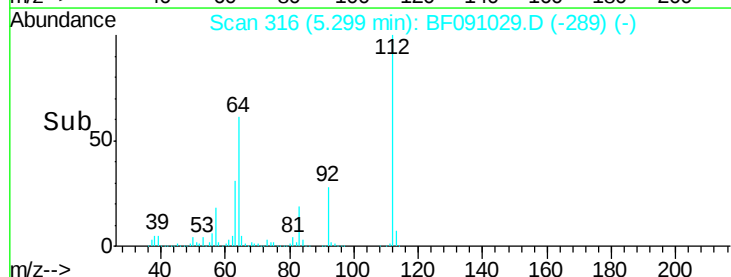
63 30.5 28.0 42.0

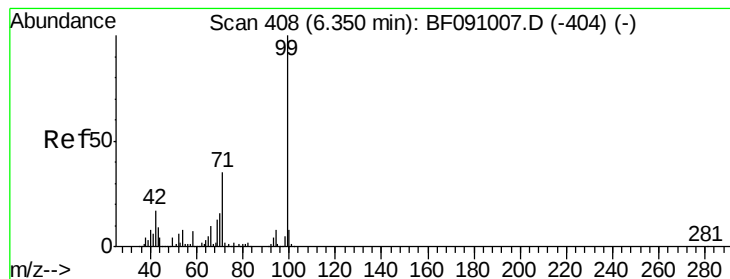


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.20 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091029.D

Acq: 4 Nov 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SB-102-1.0-1.5

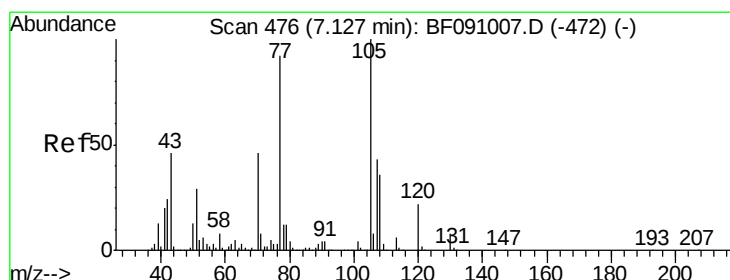
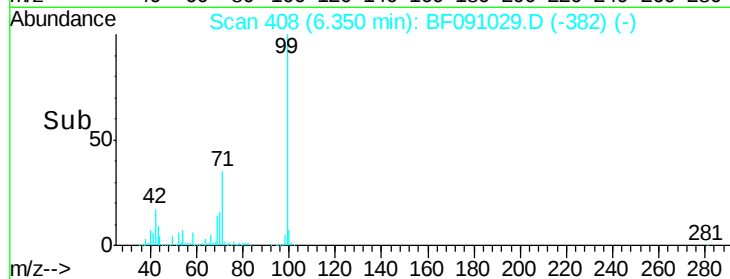
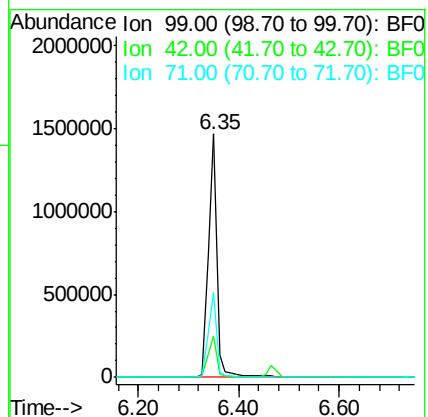
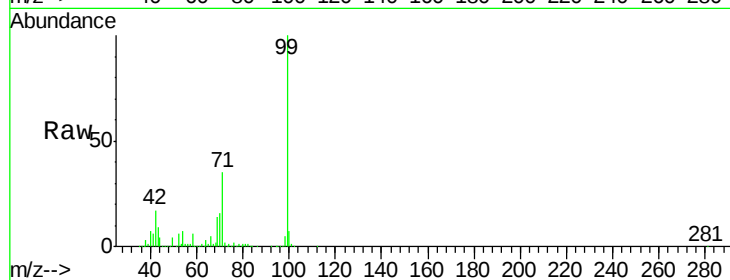
Tgt Ion: 99 Resp: 1731415

Ion Ratio Lower Upper

99 100

42 17.3 13.9 20.9

71 34.6 27.8 41.8



#19

n-Nitroso-di-n-propylamine

Concen: 15.24 ng

RT: 7.26 min Scan# 488

Delta R.T. 0.14 min

Lab File: BF091029.D

Acq: 4 Nov 2016 19:18

Tgt Ion: 70 Resp: 162944

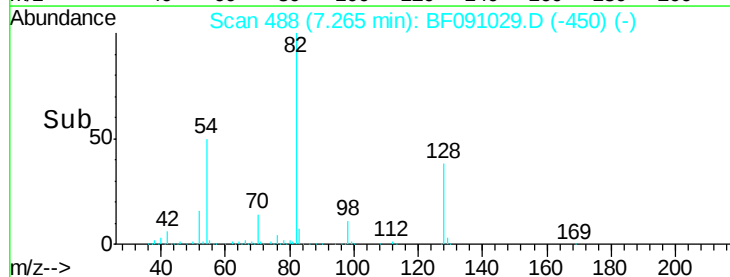
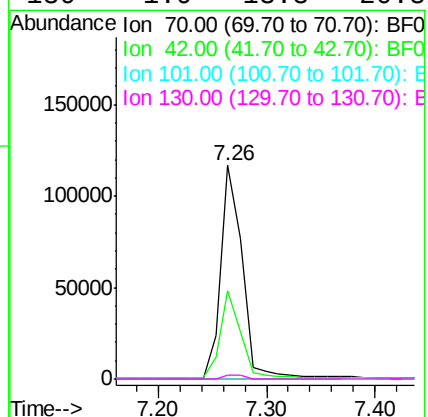
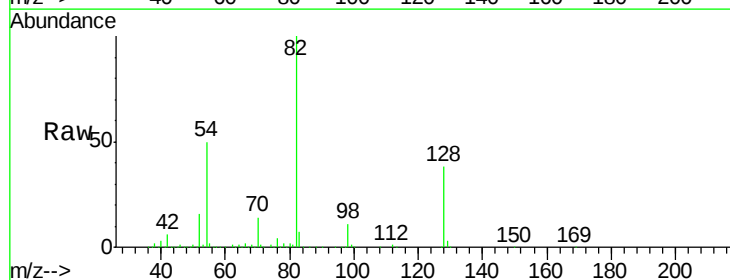
Ion Ratio Lower Upper

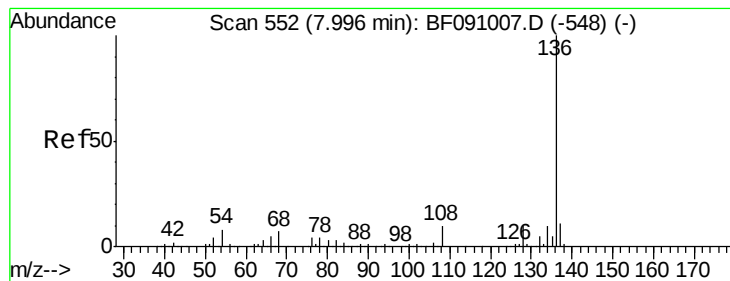
70 100

42 41.2 41.7 62.5#

101 0.0 6.7 10.1#

130 1.9 13.8 20.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF091029.D

Acq: 4 Nov 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SB-102-1.0-1.5

Tgt Ion:136 Resp: 830160

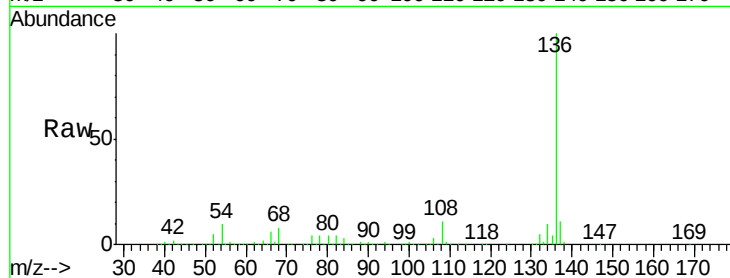
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.5 6.2 9.2#

68 8.2 5.5 8.3

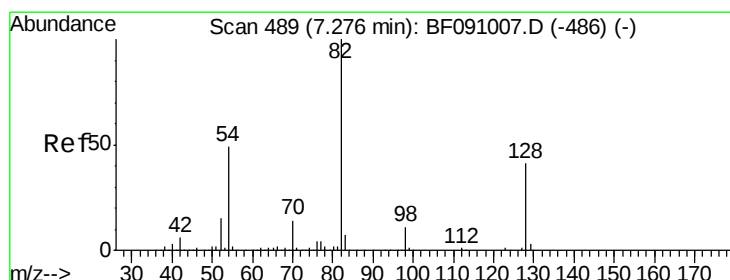
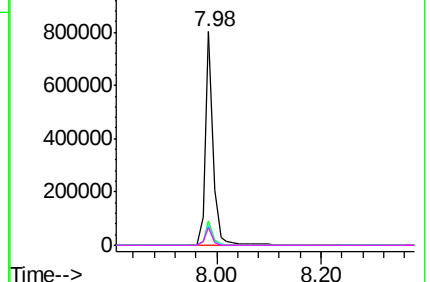
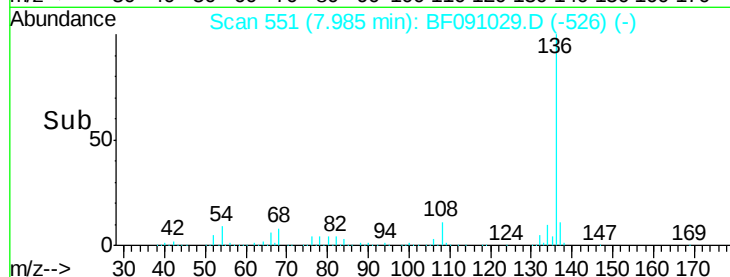


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.47 ng

RT: 7.26 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091029.D

Acq: 4 Nov 2016 19:18

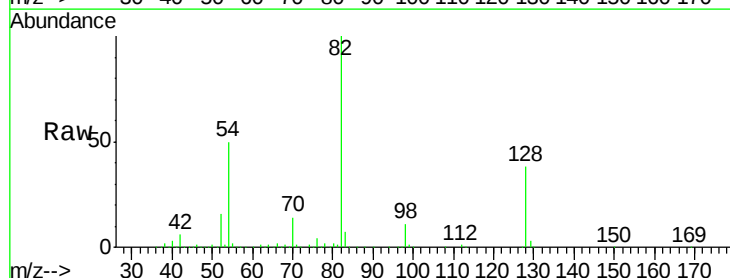
Tgt Ion: 82 Resp: 1209331

Ion Ratio Lower Upper

82 100

128 37.9 32.4 48.6

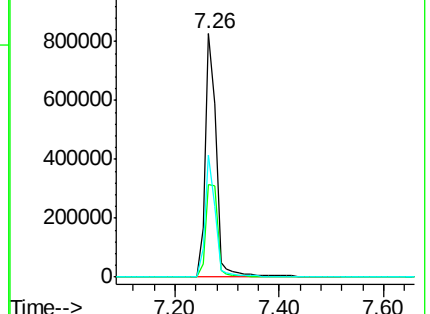
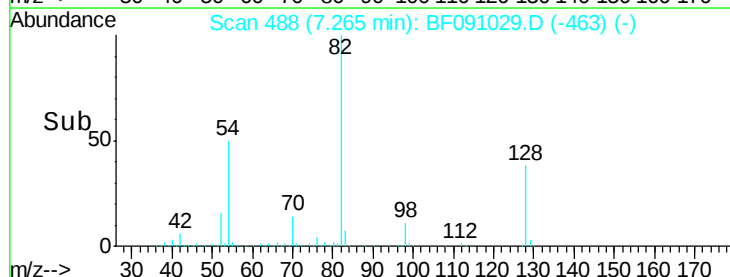
54 49.9 39.2 58.8

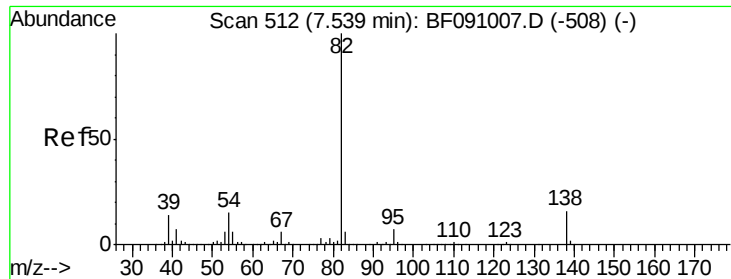


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.33 ng

RT: 7.26 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF091029.D

Acq: 4 Nov 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SB-102-1.0-1.5

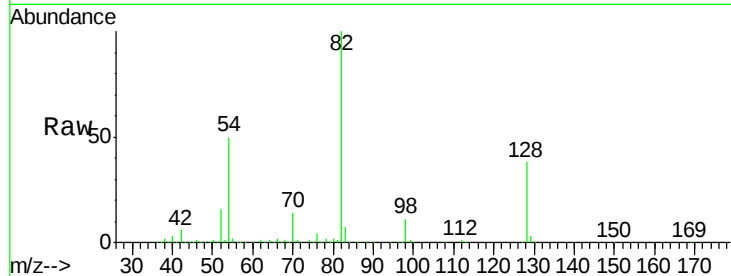
Tgt Ion: 82 Resp: 1065408

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

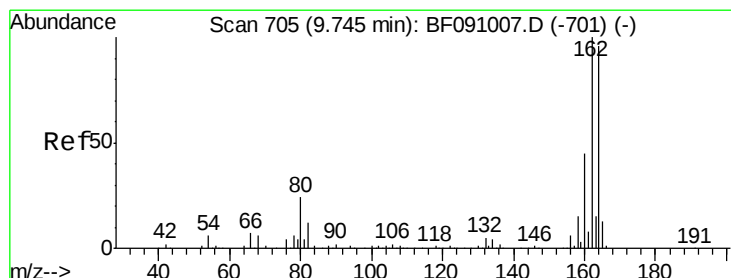
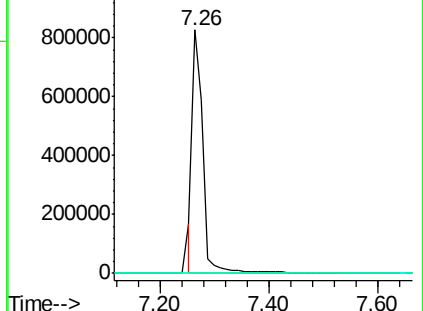
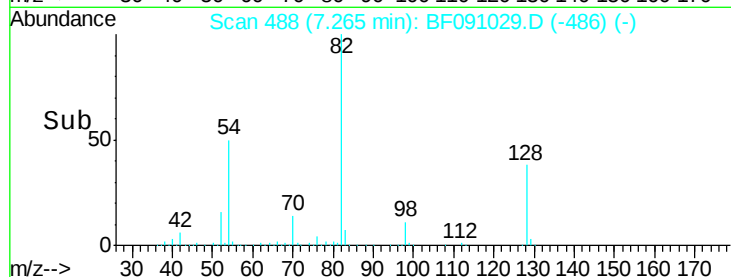
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF091029.D

Acq: 4 Nov 2016 19:18

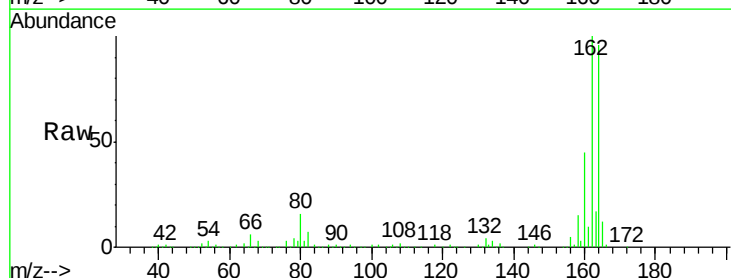
Tgt Ion: 164 Resp: 436162

Ion Ratio Lower Upper

164 100

162 104.2 83.6 125.4

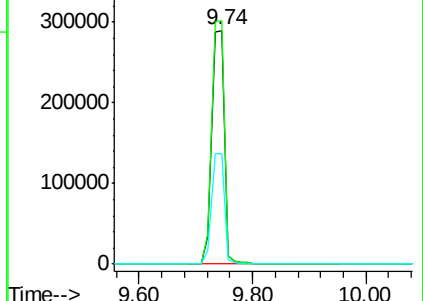
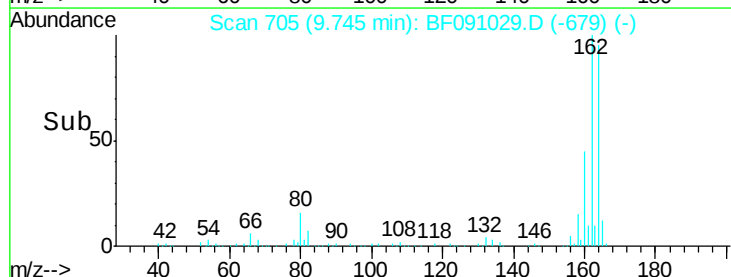
160 47.1 37.9 56.9

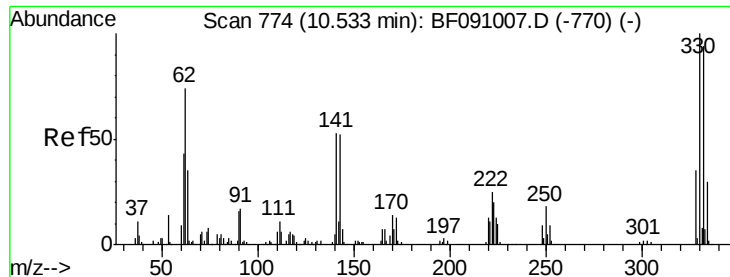


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

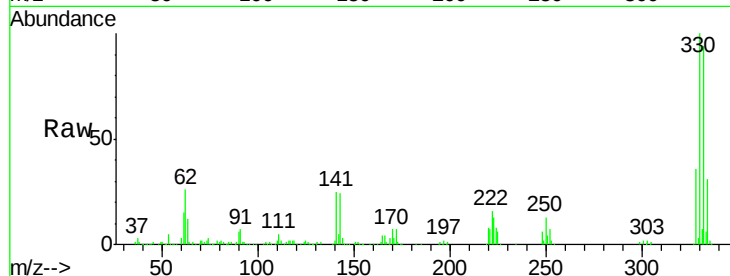




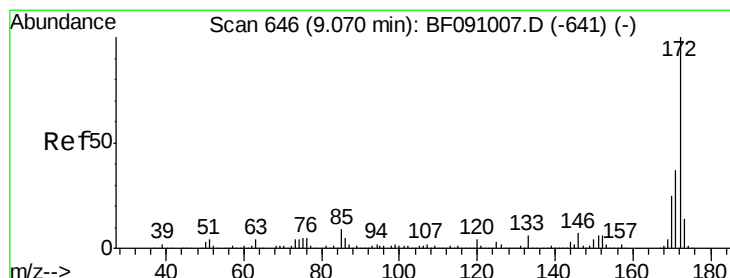
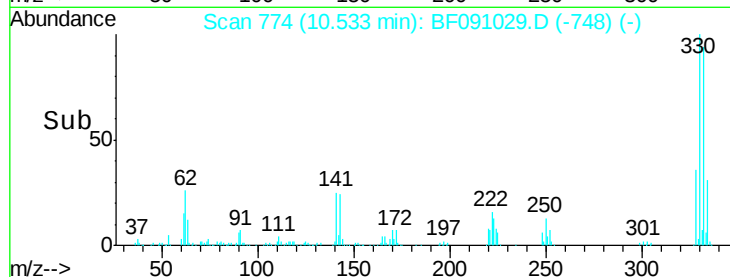
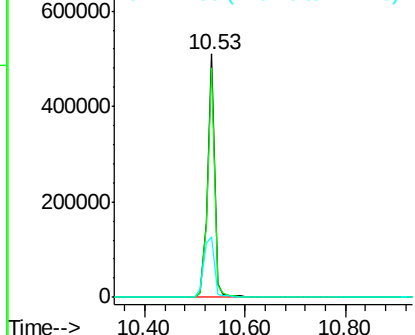
#41
 2,4,6-Tribromophenol
 Concen: 127.44 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091029.D
 Acq: 4 Nov 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-102-1.0-1.5

Tgt Ion:330 Resp: 502528
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.9 113.9
 141 37.5 36.1 54.1

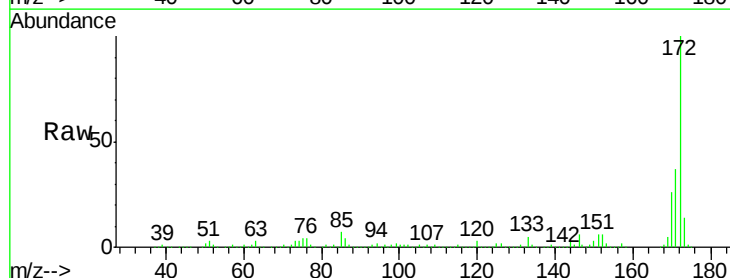


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

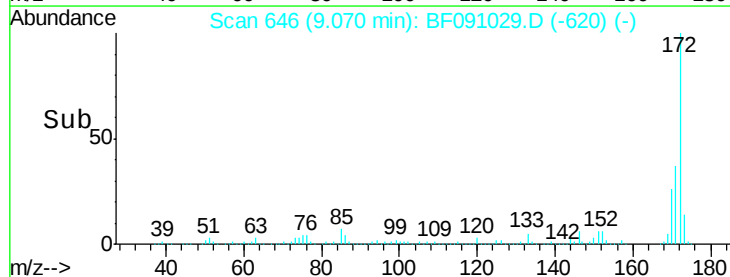
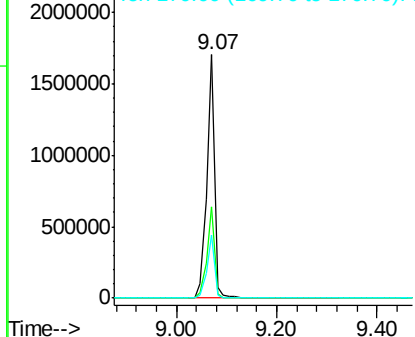


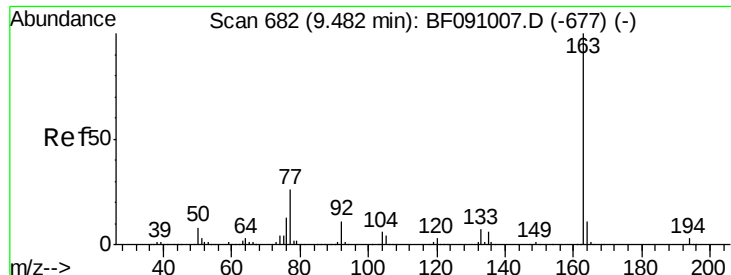
#44
 2-Fluorobiphenyl
 Concen: 72.30 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091029.D
 Acq: 4 Nov 2016 19:18

Tgt Ion:172 Resp: 1831696
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.7 20.3 30.5



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

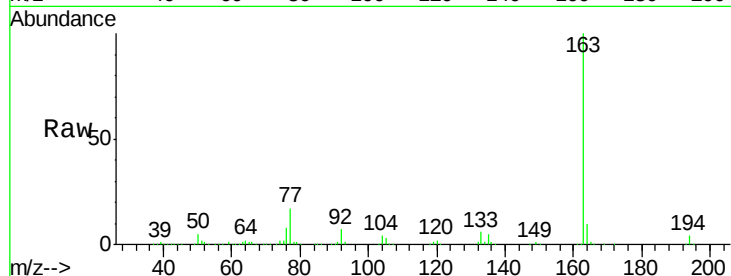




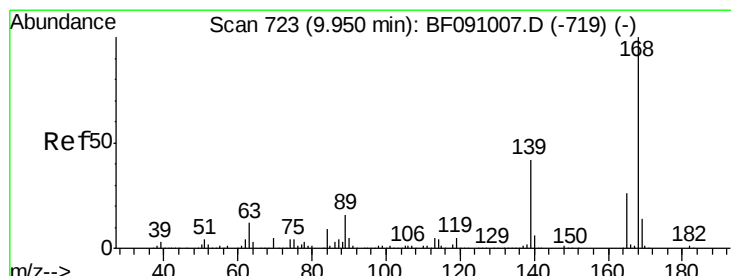
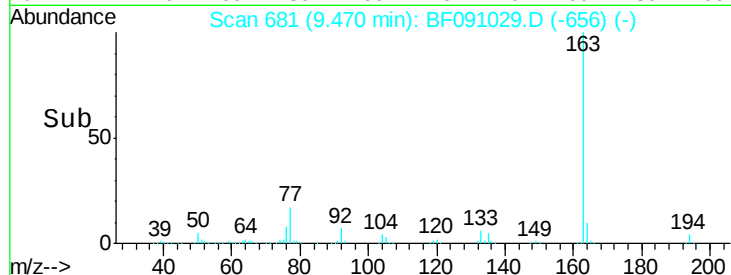
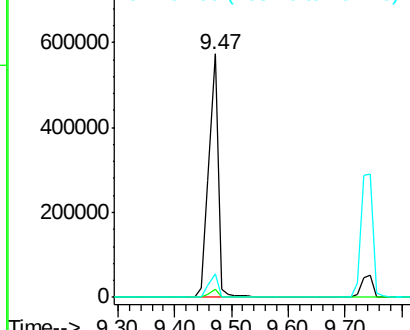
#49
Dimethylphthalate
Concen: 22.10 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091029.D
Acq: 4 Nov 2016 19:18

Instrument :
BNA_F
ClientSampleId :
SB-102-1.0-1.5

Tgt Ion:163 Resp: 632125
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.7 13.1

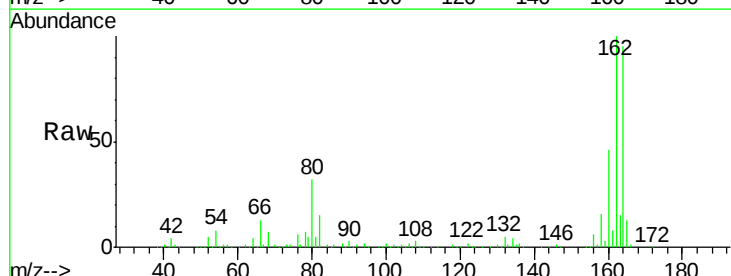


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

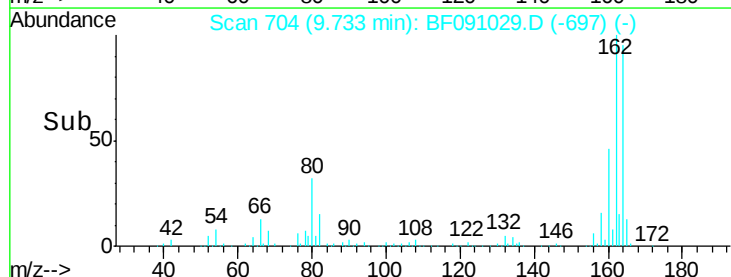
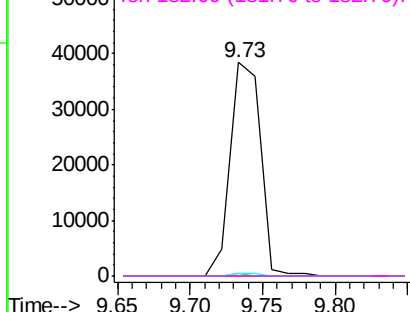


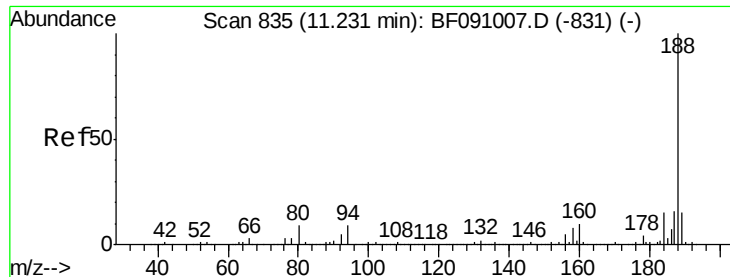
#56
2,4-Dinitrotoluene
Concen: 7.15 ng
RT: 9.73 min Scan# 704
Delta R.T. -0.22 min
Lab File: BF091029.D
Acq: 4 Nov 2016 19:18

Tgt Ion:165 Resp: 55763
Ion Ratio Lower Upper
165 100
63 1.4 38.7 58.1#
89 1.5 50.6 76.0#
182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

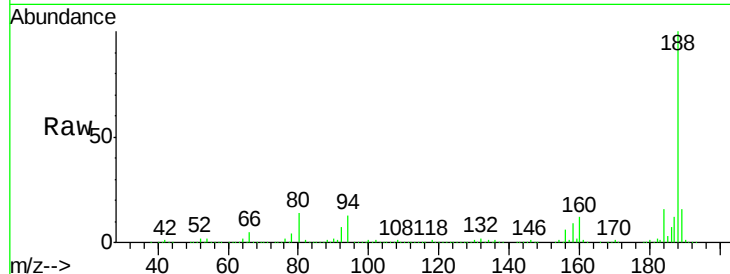




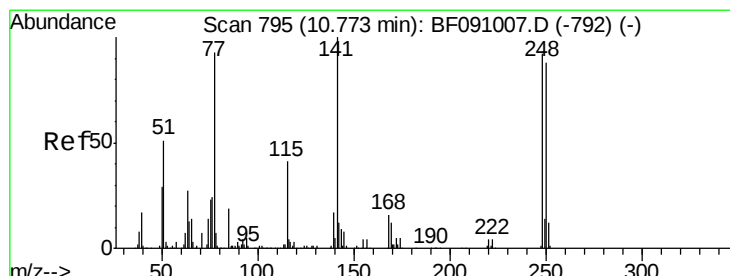
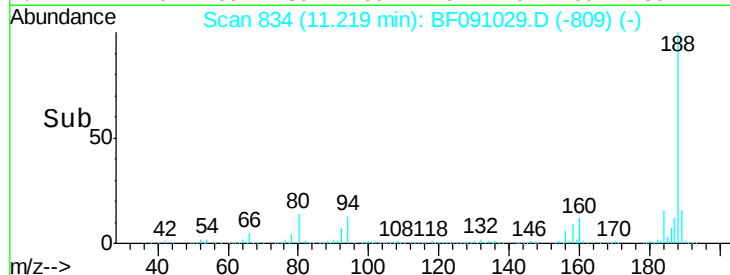
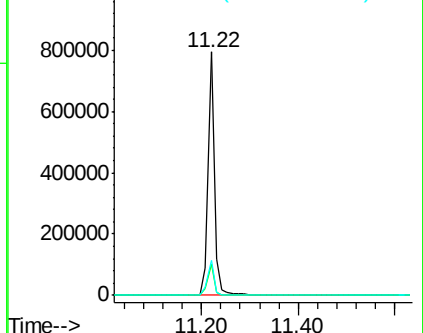
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF091029.D
 Acq: 4 Nov 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-102-1.0-1.5

Tgt Ion:188 Resp: 730530
 Ion Ratio Lower Upper
 188 100
 94 12.6 7.0 10.4#
 80 14.1 7.5 11.3#

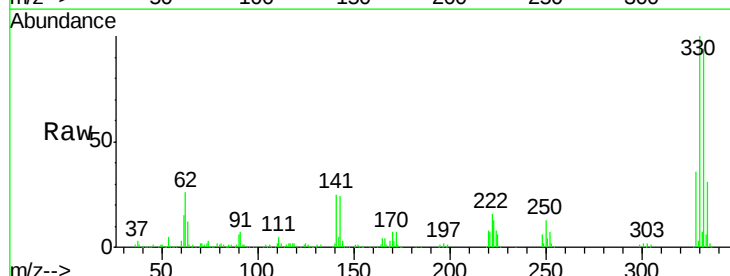


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

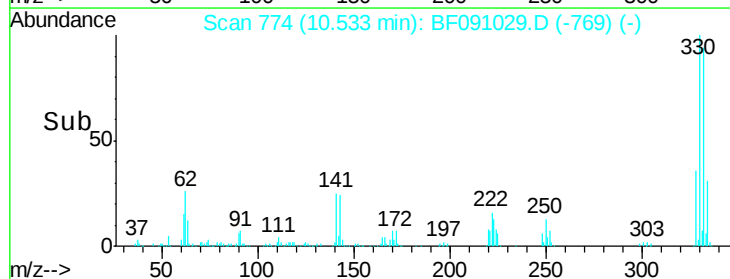
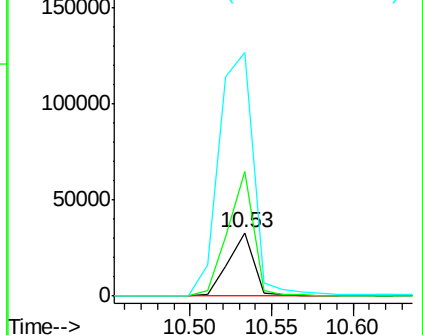


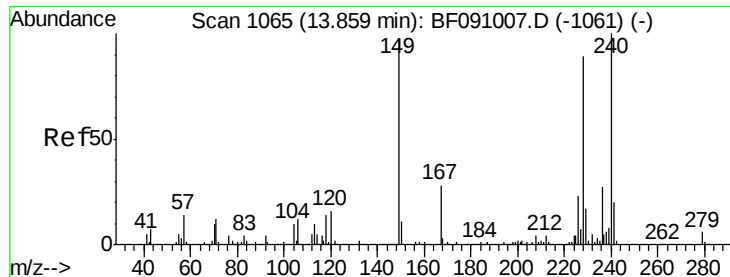
#66
 4-Bromophenyl-phenylether
 Concen: 4.70 ng
 RT: 10.53 min Scan# 774
 Delta R.T. -0.24 min
 Lab File: BF091029.D
 Acq: 4 Nov 2016 19:18

Tgt Ion:248 Resp: 35730
 Ion Ratio Lower Upper
 248 100
 250 197.0 76.3 114.5#
 141 384.6 86.8 130.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF091029.D

Acq: 4 Nov 2016 19:18

Instrument :

BNA_F

ClientSampleId :

SB-102-1.0-1.5

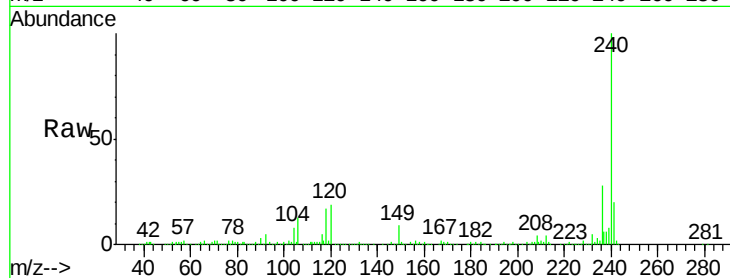
Tgt Ion:240 Resp: 519620

Ion Ratio Lower Upper

240 100

120 18.7 12.9 19.3

236 28.3 21.9 32.9



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

600000

500000

400000

300000

200000

100000

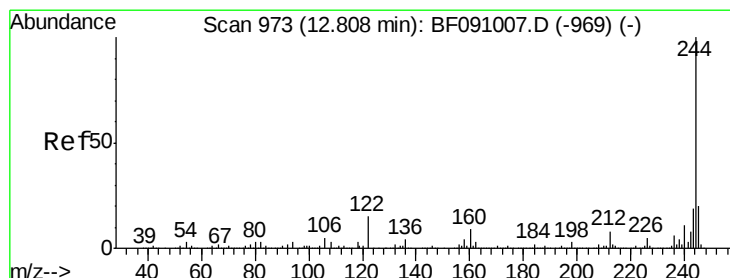
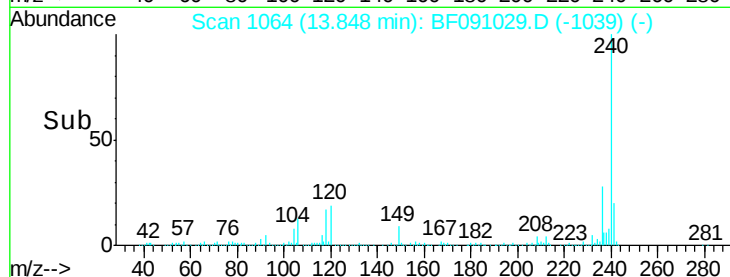
0

13.85

13.80

14.00

Time-->



#78

Terphenyl-d14

Concen: 74.57 ng

RT: 12.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF091029.D

Acq: 4 Nov 2016 19:18

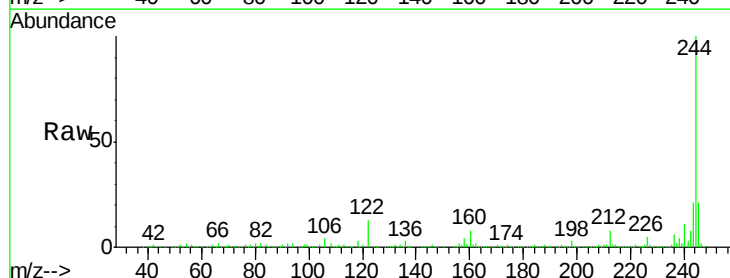
Tgt Ion:244 Resp: 1552675

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

122 12.8 12.3 18.5



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

2000000

1500000

1000000

500000

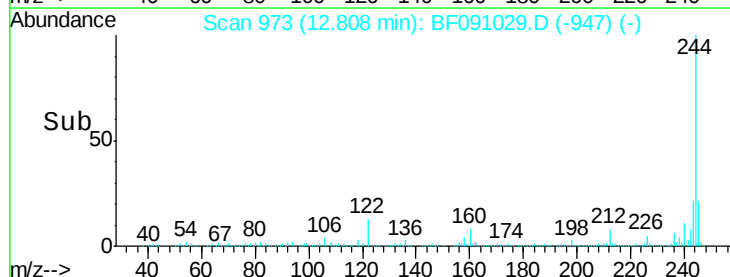
0

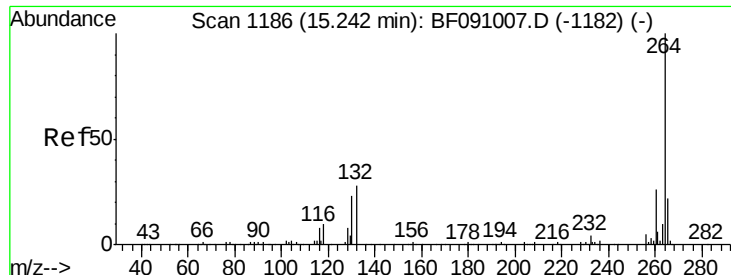
12.81

12.80

13.00

Time-->

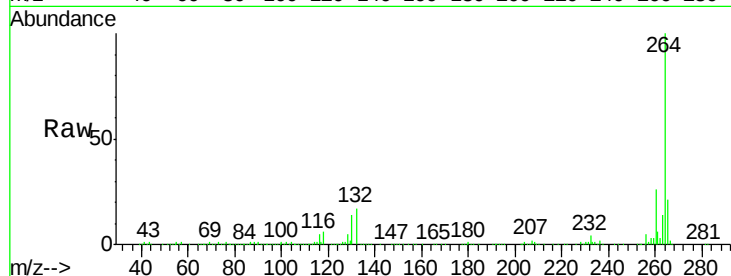




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091029.D
Acq: 4 Nov 2016 19:18

Instrument :
BNA_F
ClientSampleId :
SB-102-1.0-1.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	21.4	17.8	26.8



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

