

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
 Data File : BF091177.D
 Acq On : 15 Nov 2016 14:16
 Operator : UM/SJ
 Sample : H5636-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Quant Time: Nov 16 00:19:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

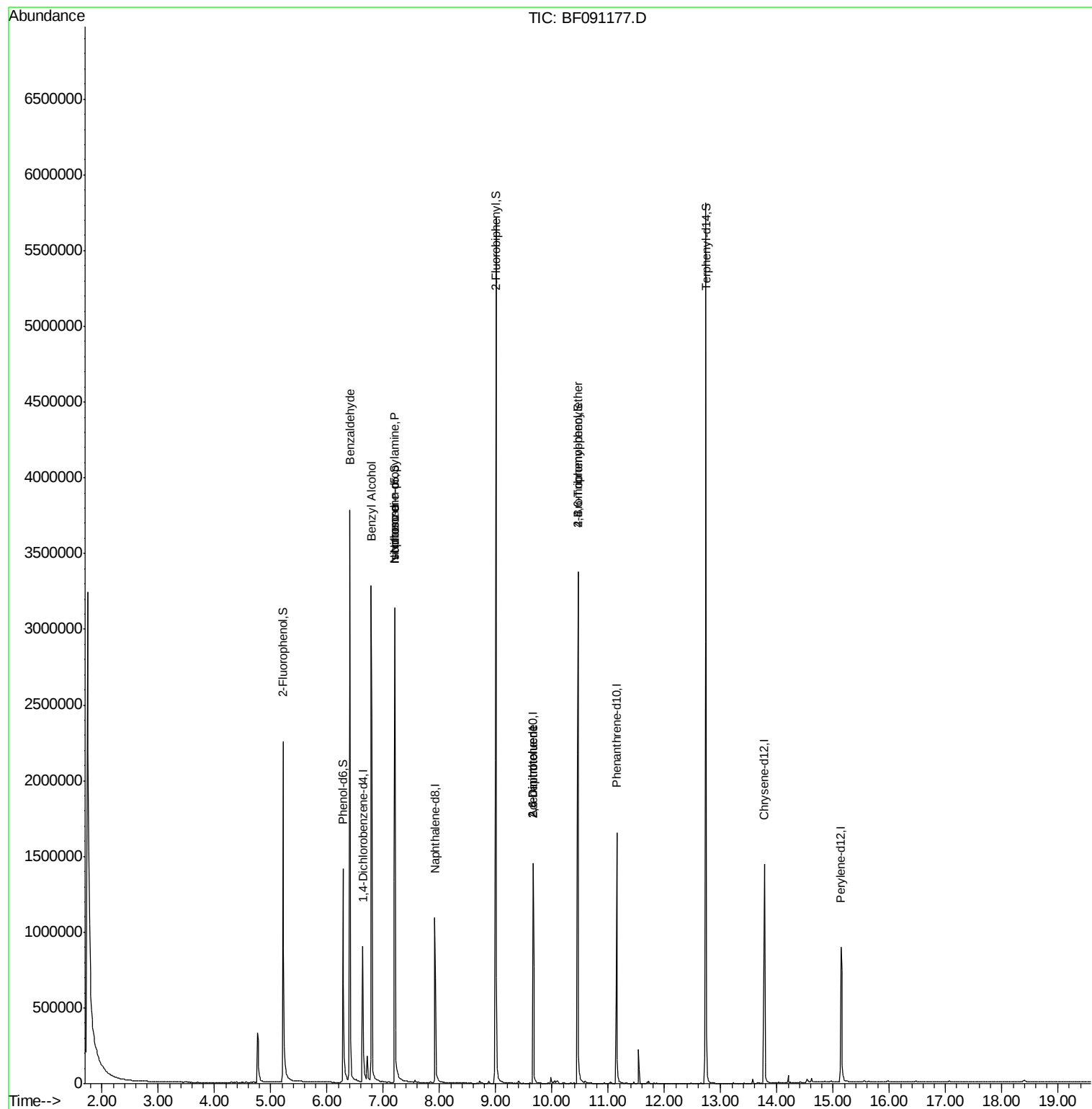
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	165501	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	705468	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	369407	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	671914	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	585064	20.00	ng	-0.03
86) Perylene-d12	15.14	264	476447	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	775302	77.37	ng	-0.02
7) Phenol-d6	6.28	99	649362	47.74	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1315639	101.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	570177	170.73	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1996995	93.07	ng	-0.03
78) Terphenyl-d14	12.74	244	2137601	91.17	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	32983	4.37	ng	Qvalue 90
15) Benzyl Alcohol	6.78	79	20259	2.11	ng	# 52
19) n-Nitroso-di-n-propylamine	7.21	70	183146	19.43	ng	# 77
25) Isophorone	7.21	82	1299605	52.15	ng	# 67
50) 2,6-Dinitrotoluene	9.66	165	46959	9.05	ng	# 12
56) 2,4-Dinitrotoluene	9.66	165	46955	7.11	ng	# 26
66) 4-Bromophenyl-phenylether	10.46	248	39414	5.64	ng	# 1

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

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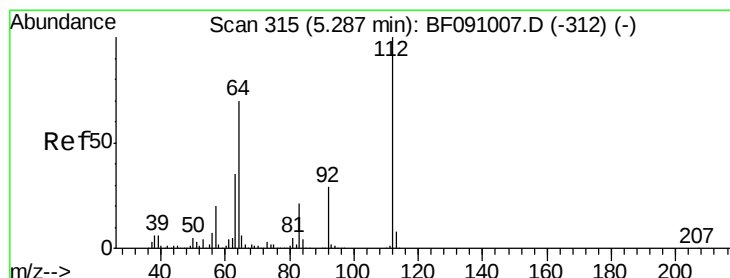
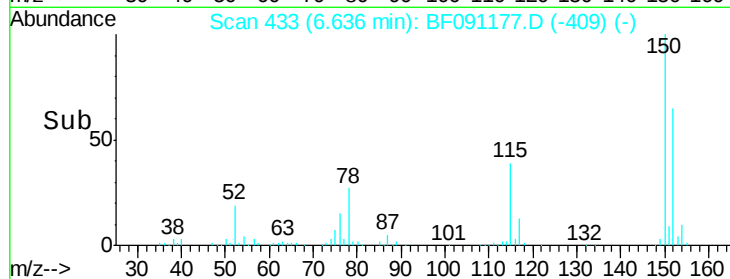
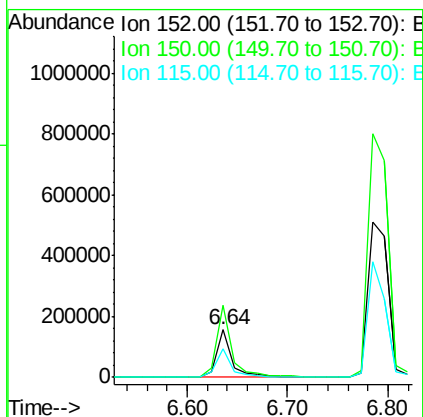
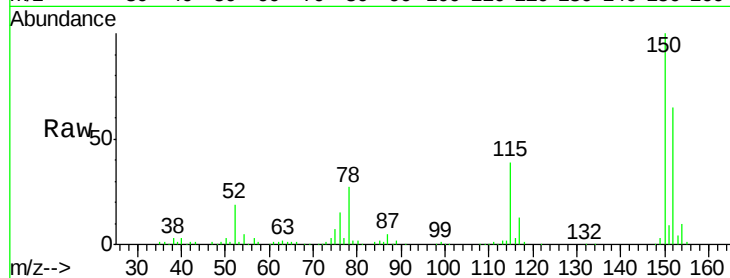


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Instrument :
 BNA_F
 ClientSampled :
 CPS043044

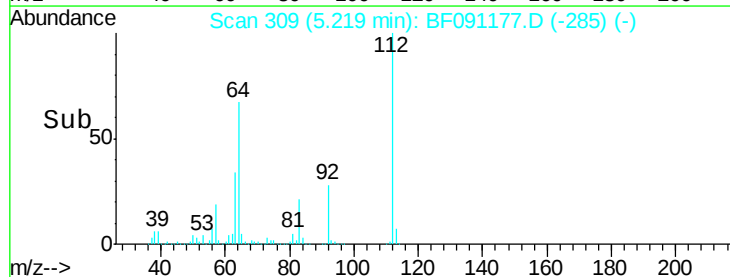
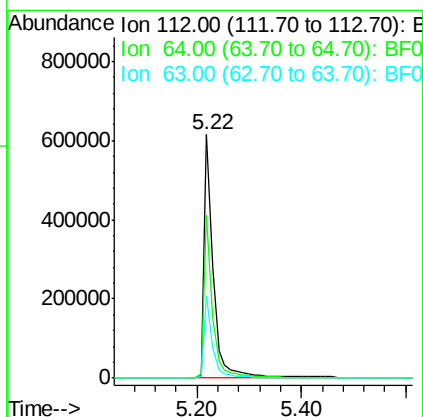
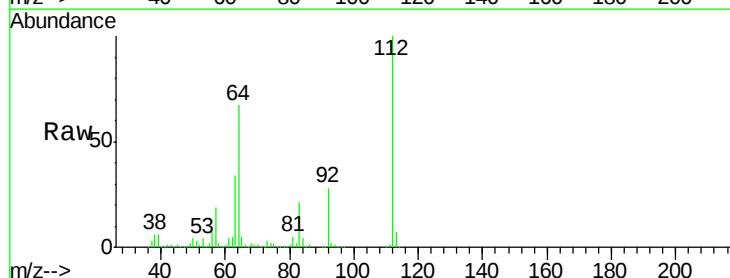
Tgt Ion:152 Resp: 165501
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.8 190.2
 115 59.9 53.3 79.9



#5

2-Fluorophenol
 Concen: 77.37 ng
 RT: 5.22 min Scan# 309
 Delta R.T. -0.02 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Tgt Ion:112 Resp: 775302
 Ion Ratio Lower Upper
 112 100
 64 67.0 55.8 83.6
 63 33.8 28.0 42.0





#7

Phenol-d6

Concen: 47.74 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

Instrument :

BNA_F

ClientSampleId :

CPS043044

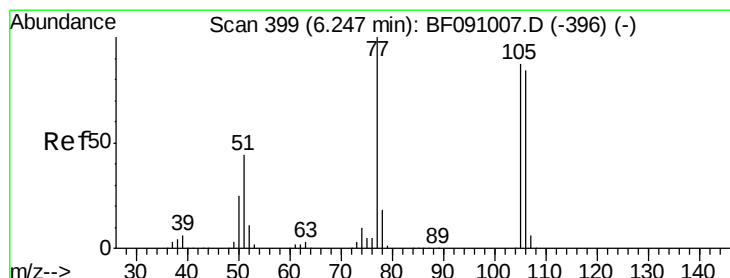
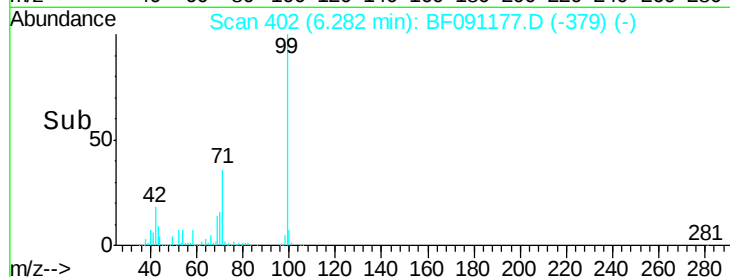
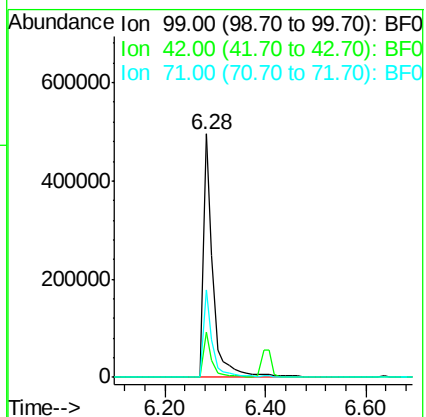
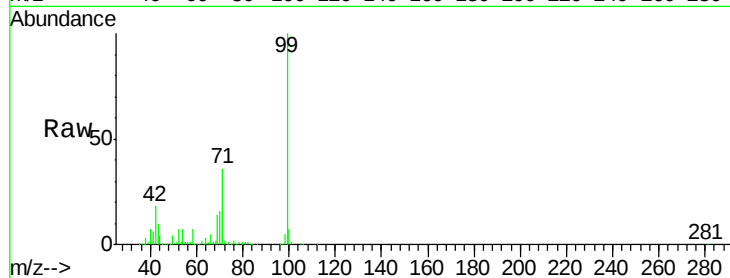
Tgt Ion: 99 Resp: 649362

Ion Ratio Lower Upper

99 100

42 18.3 13.9 20.9

71 36.1 27.8 41.8



#9

Benzaldehyde

Concen: 4.37 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

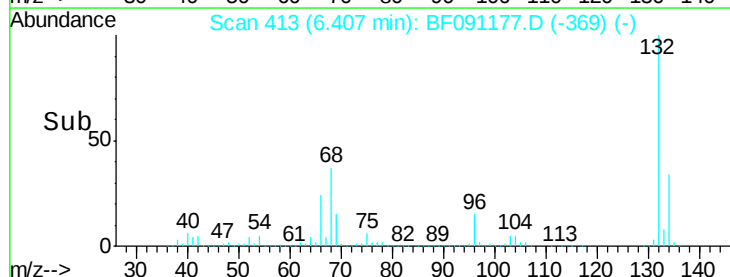
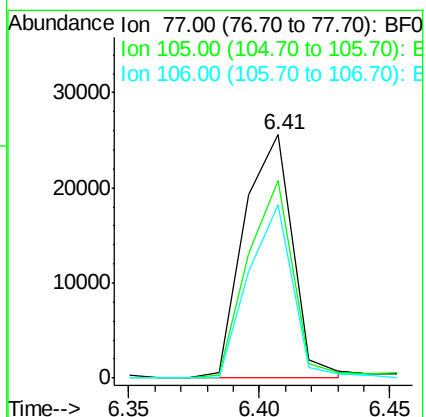
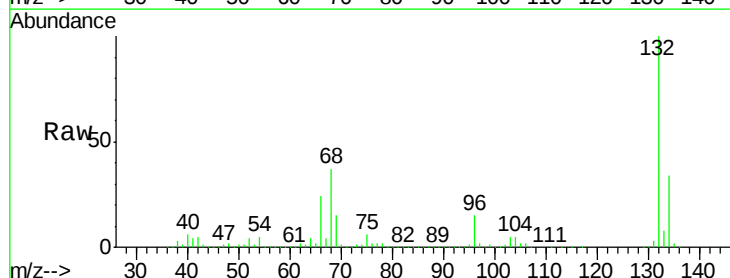
Tgt Ion: 77 Resp: 32983

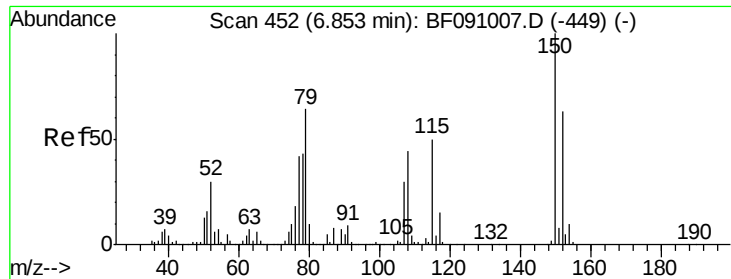
Ion Ratio Lower Upper

77 100

105 81.2 66.8 106.8

106 71.1 64.0 104.0





#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

Instrument :

BNA_F

ClientSampleId :

CPS043044

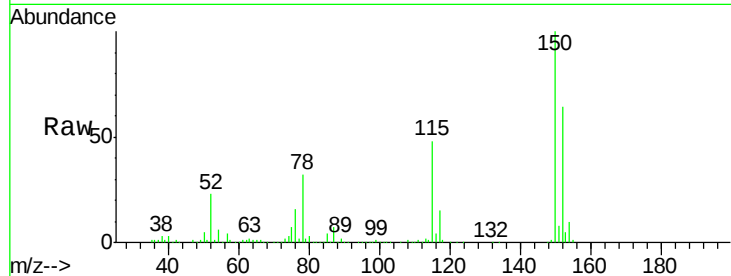
Tgt Ion: 79 Resp: 20259

Ion Ratio Lower Upper

79 100

108 28.2 55.7 83.5#

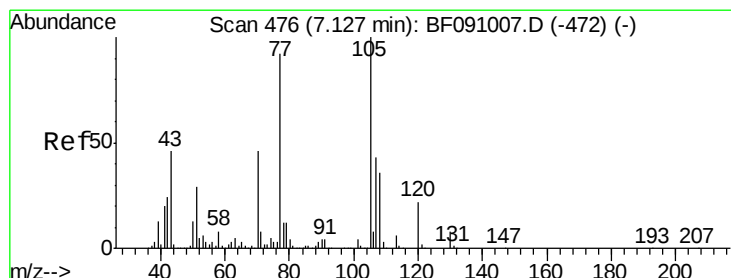
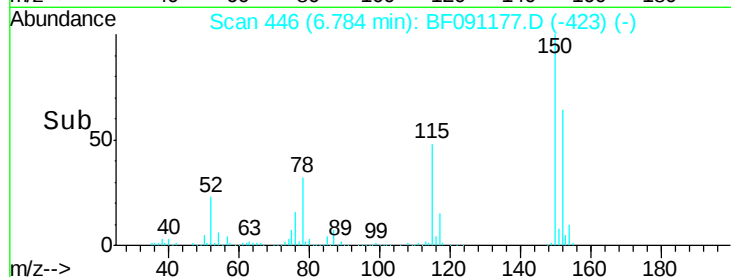
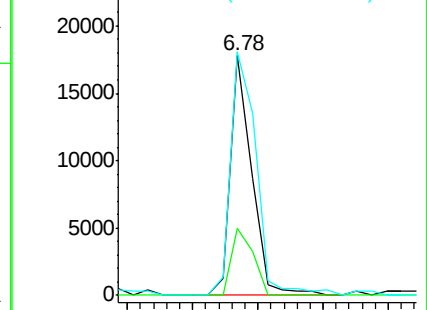
77 101.6 52.6 79.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.43 ng

RT: 7.21 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

Tgt Ion: 70 Resp: 183146

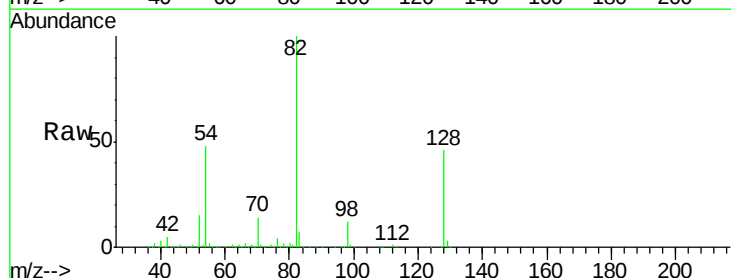
Ion Ratio Lower Upper

70 100

42 38.3 41.7 62.5#

101 0.0 6.7 10.1#

130 2.2 13.8 20.8#

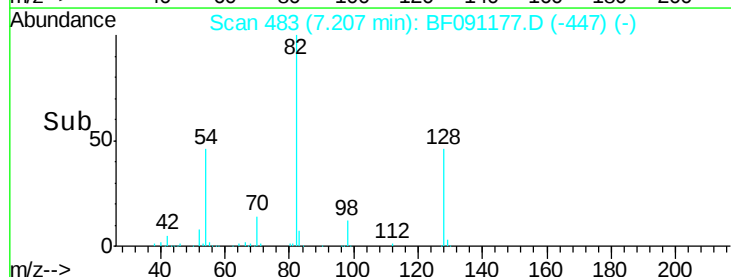
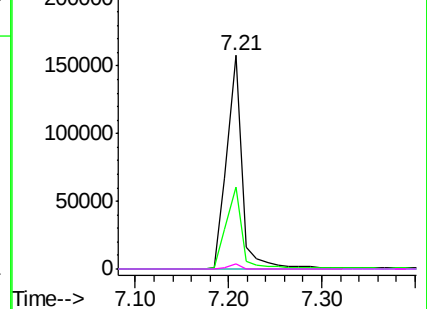


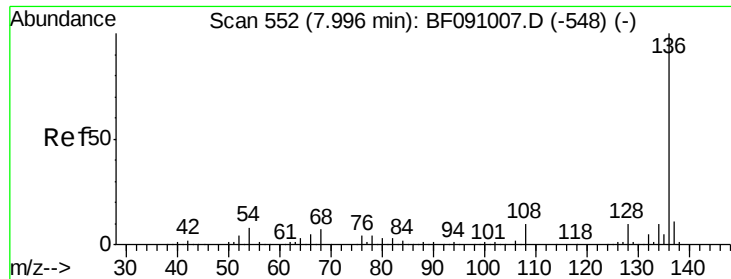
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

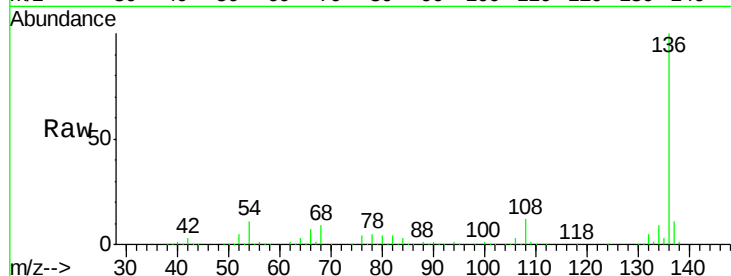




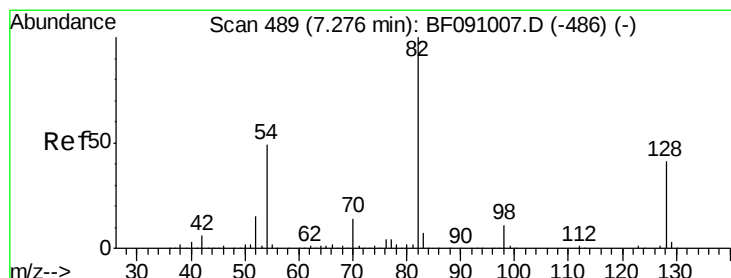
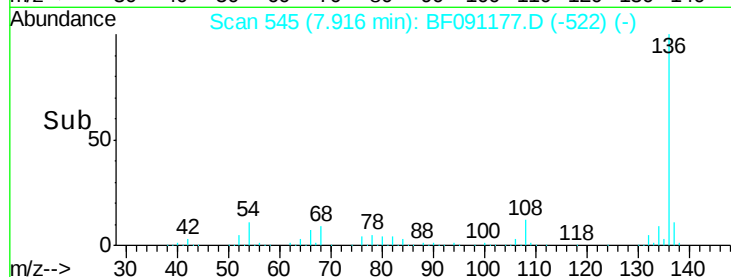
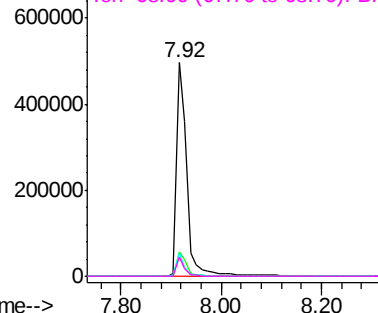
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:	136	Resp:	705468
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.6	6.2	9.2#
68	9.0	5.5	8.3#

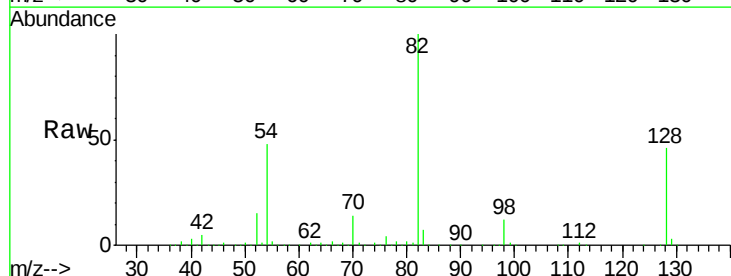


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

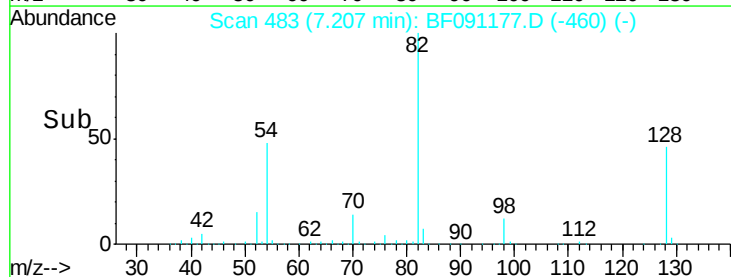
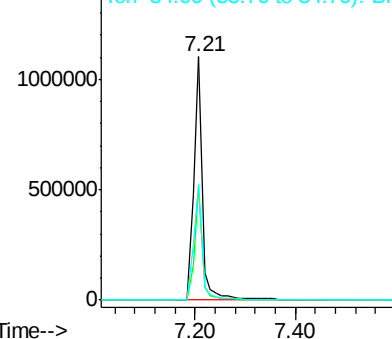


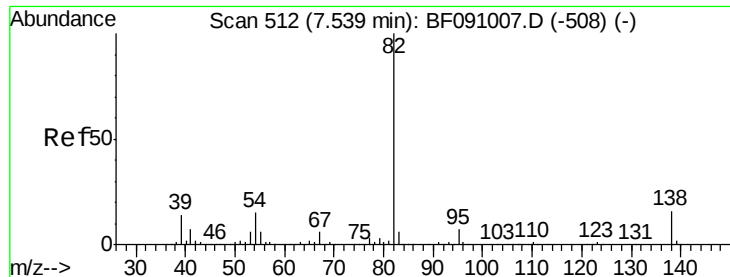
#23
Nitrobenzene-d5
Concen: 101.73 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion:	82	Resp:	1315639
Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.4	48.6
54	47.7	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: 52.15 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.29 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

Instrument :

BNA_F

ClientSampleId :

CPS043044

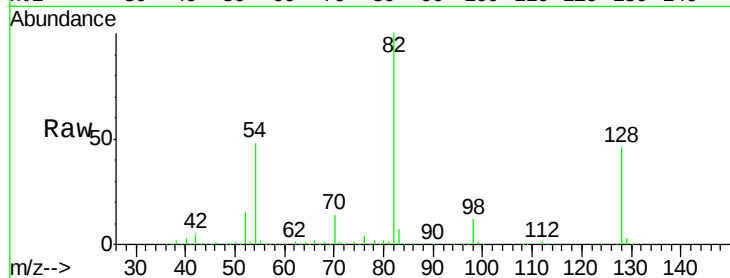
Tgt Ion: 82 Resp: 1299605

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

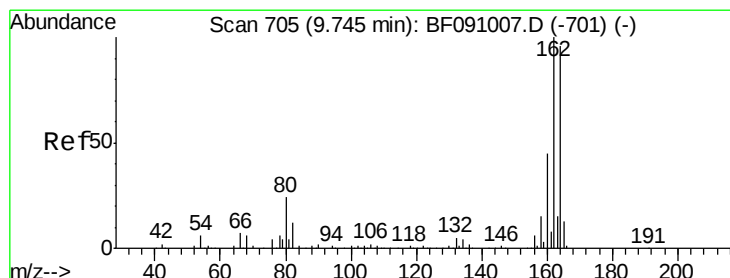
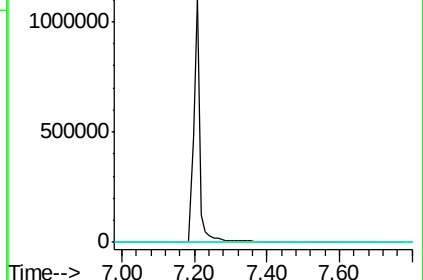
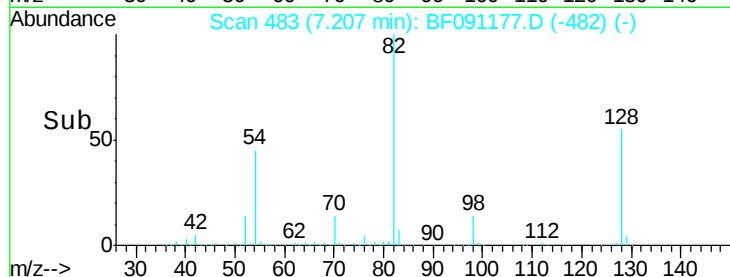
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF091177.D (-482) (-)

Ion 95.00 (94.70 to 95.70): BF091177.D (-482) (-)

Ion 138.00 (137.70 to 138.70): BF091177.D (-482) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

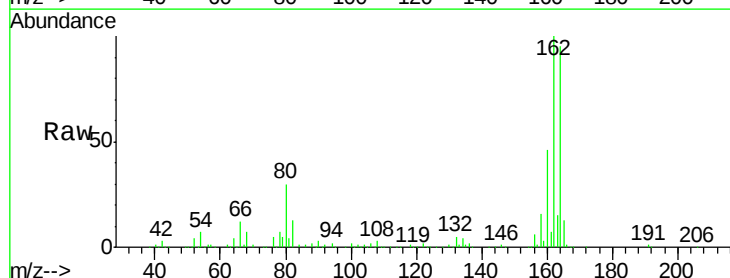
Tgt Ion: 164 Resp: 369407

Ion Ratio Lower Upper

164 100

162 105.2 83.6 125.4

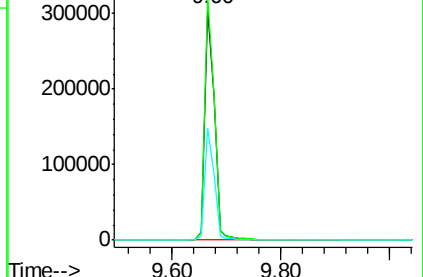
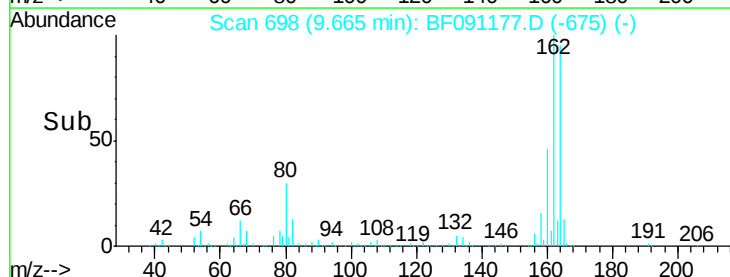
160 48.0 37.9 56.9

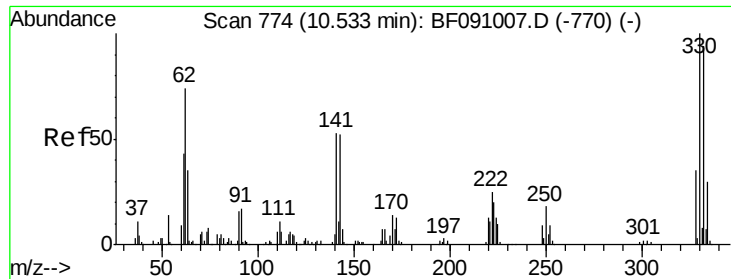


Abundance Ion 164.00 (163.70 to 164.70): BF091177.D (-675) (-)

Ion 162.00 (161.70 to 162.70): BF091177.D (-675) (-)

Ion 160.00 (159.70 to 160.70): BF091177.D (-675) (-)

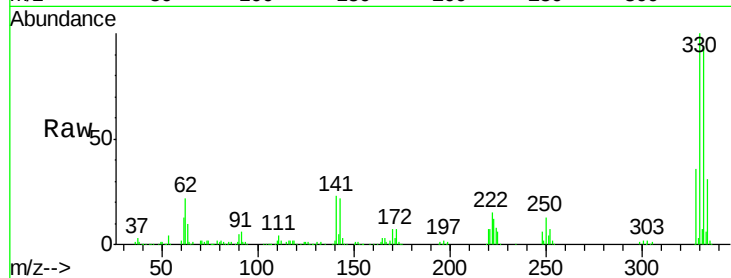




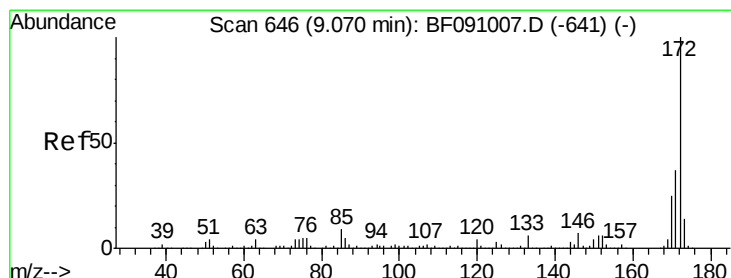
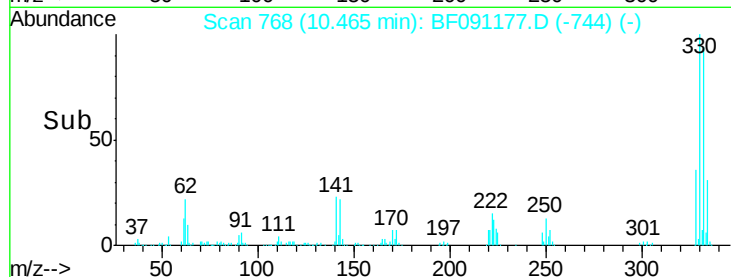
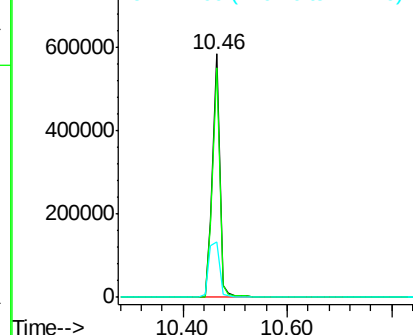
#41
 2,4,6-Tribromophenol
 Concen: 170.73 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Tgt Ion:330 Resp: 570177
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.9 113.9
 141 34.4 36.1 54.1#

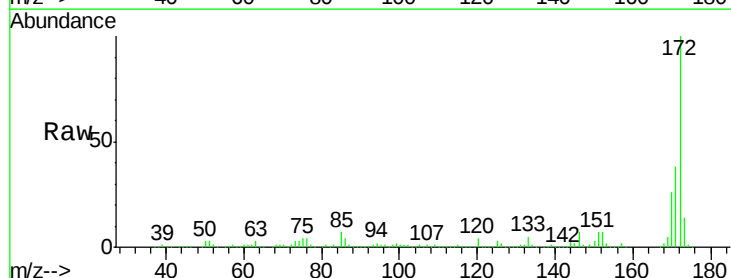


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

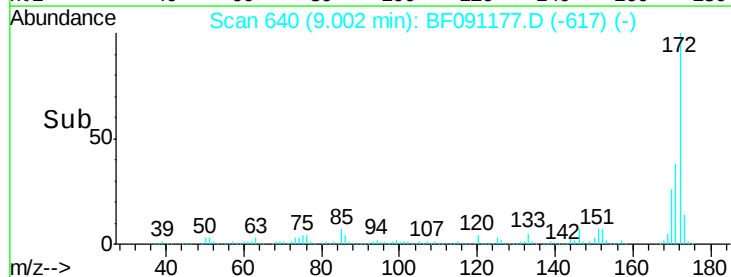
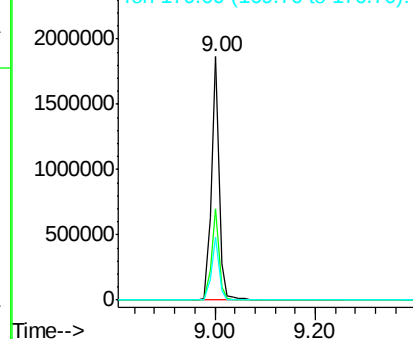


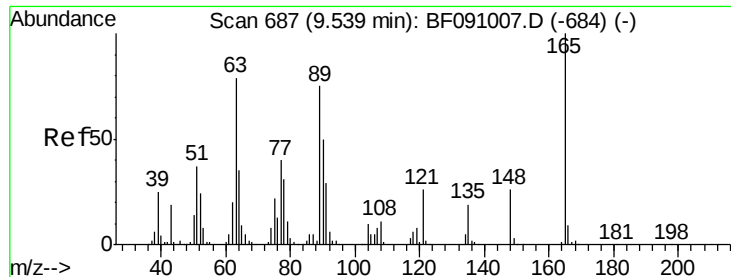
#44
 2-Fluorobiphenyl
 Concen: 93.07 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Tgt Ion:172 Resp: 1996995
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 26.1 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





#50

2,6-Dinitrotoluene

Concen: 9.05 ng

RT: 9.66 min Scan# 698

Delta R.T. 0.16 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

Instrument :

BNA_F

ClientSampleId :

CPS043044

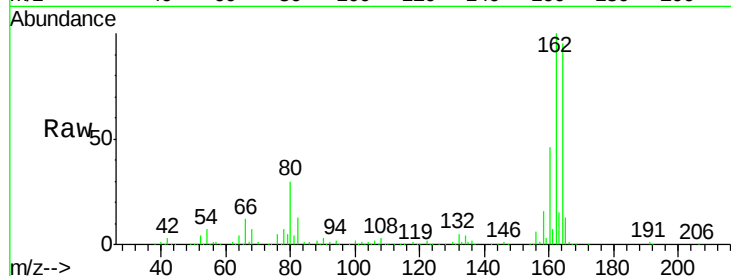
Tgt Ion:165 Resp: 46959

Ion Ratio Lower Upper

165 100

63 1.4 65.6 98.4#

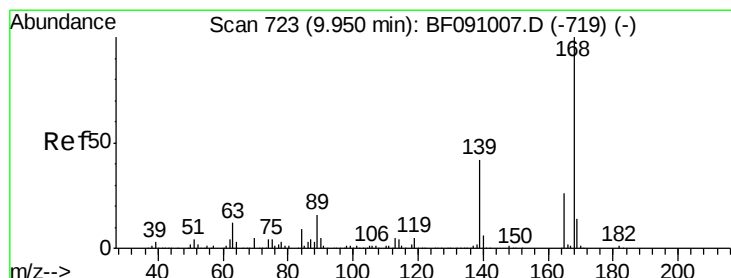
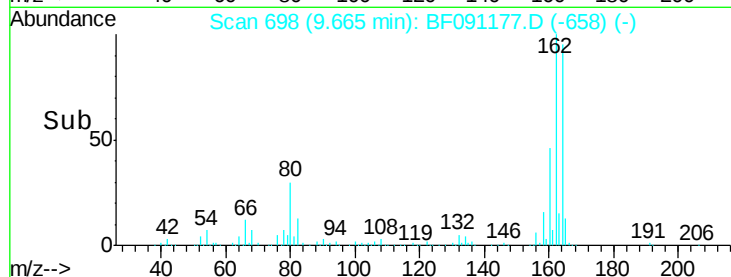
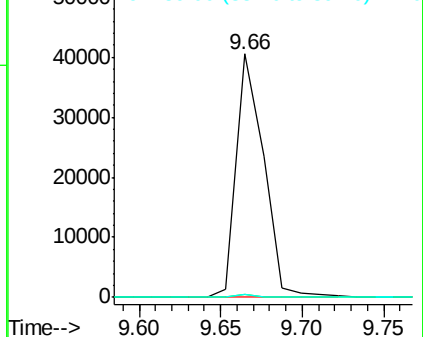
89 1.3 59.8 89.6#



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



#56

2,4-Dinitrotoluene

Concen: 7.11 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.24 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

Tgt Ion:165 Resp: 46955

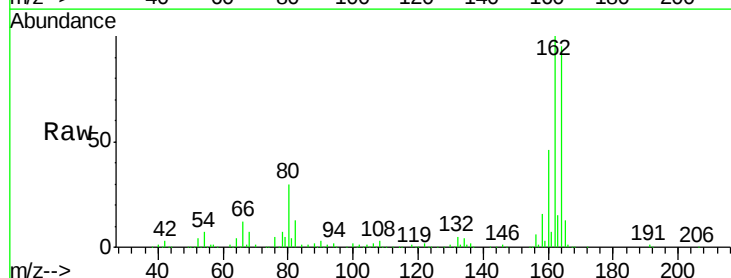
Ion Ratio Lower Upper

165 100

63 1.4 38.7 58.1#

89 1.3 50.6 76.0#

182 0.0 1.8 2.8#

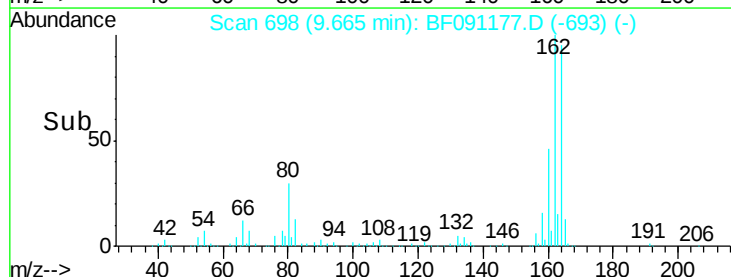
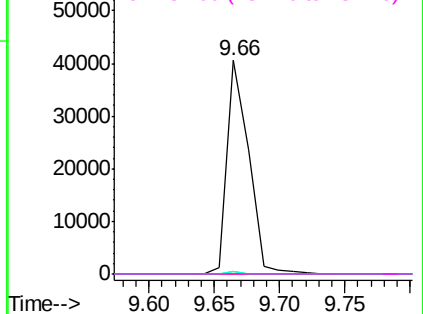


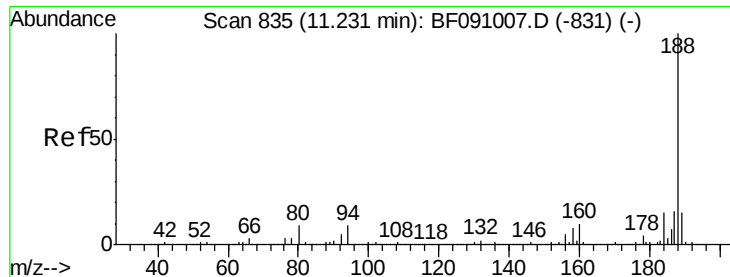
Abundance Ion 165.00 (164.70 to 165.70): E

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

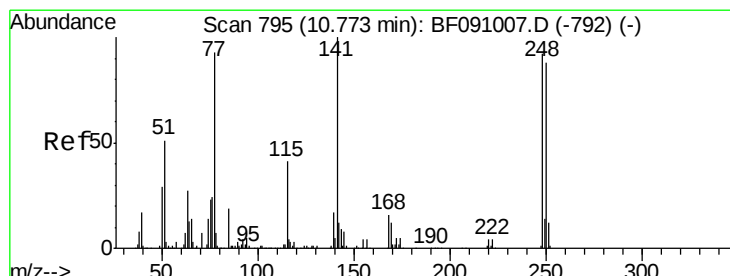
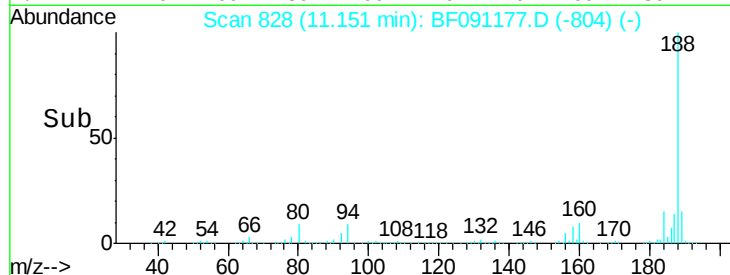
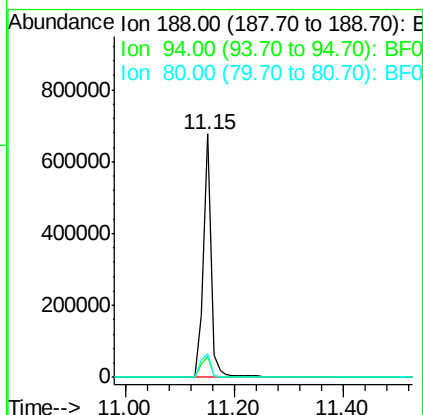
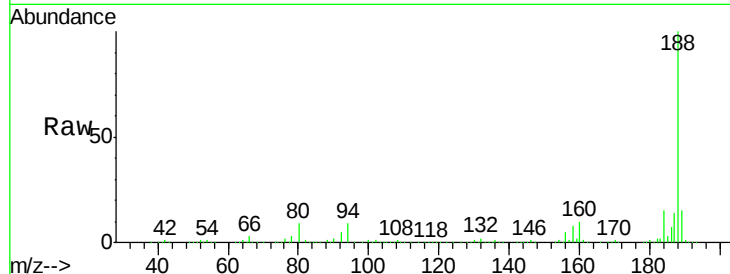




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

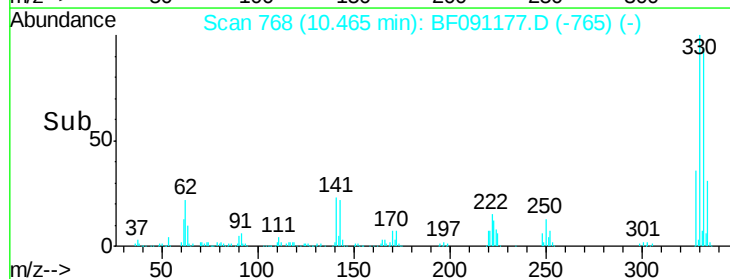
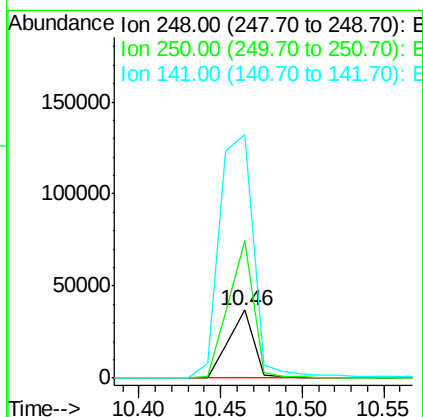
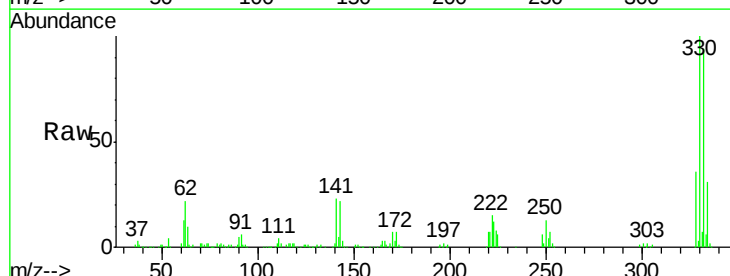
Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

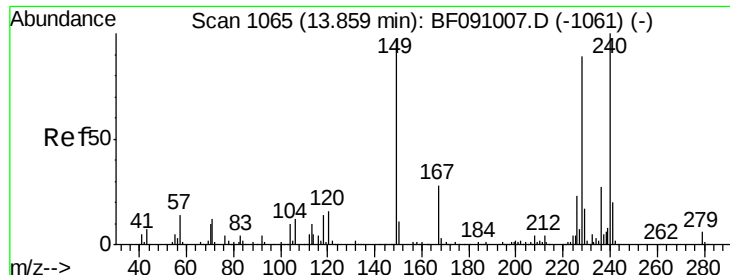
Tgt Ion:188 Resp: 671914
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.4
 80 9.4 7.5 11.3



#66
 4-Bromophenyl-phenylether
 Concen: 5.64 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.26 min
 Lab File: BF091177.D
 Acq: 15 Nov 2016 14:16

Tgt Ion:248 Resp: 39414
 Ion Ratio Lower Upper
 248 100
 250 201.9 76.3 114.5#
 141 359.1 86.8 130.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

Instrument :

BNA_F

ClientSampleId :

CPS043044

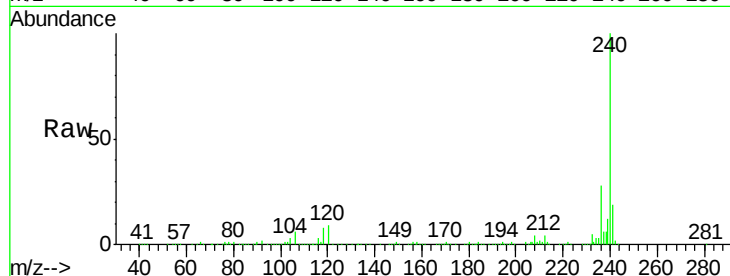
Tgt Ion:240 Resp: 585064

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

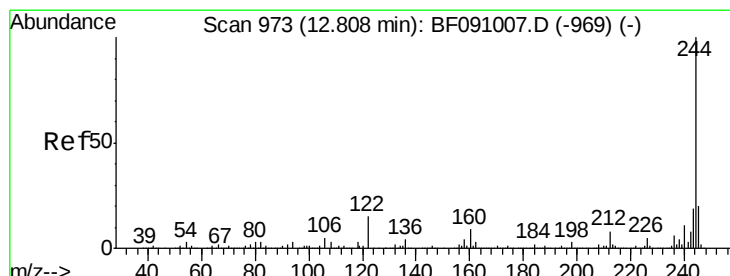
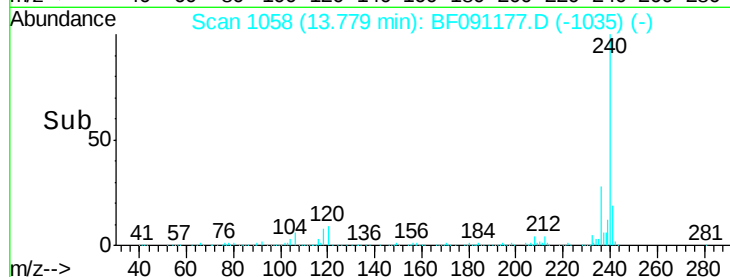
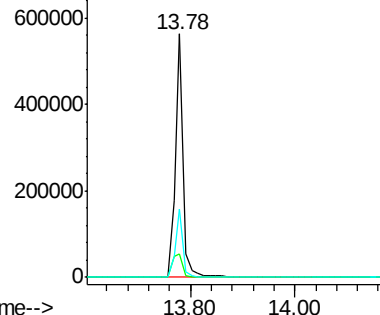
236 27.9 21.9 32.9



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



#78

Terphenyl-d14

Concen: 91.17 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091177.D

Acq: 15 Nov 2016 14:16

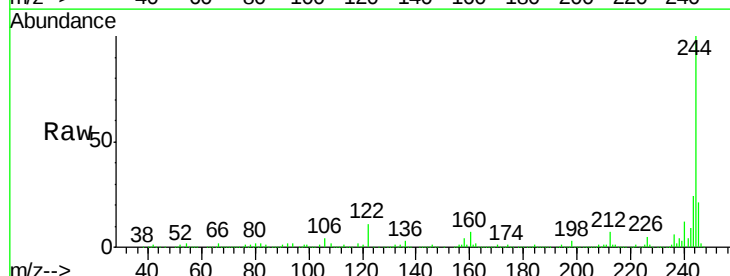
Tgt Ion:244 Resp: 2137601

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

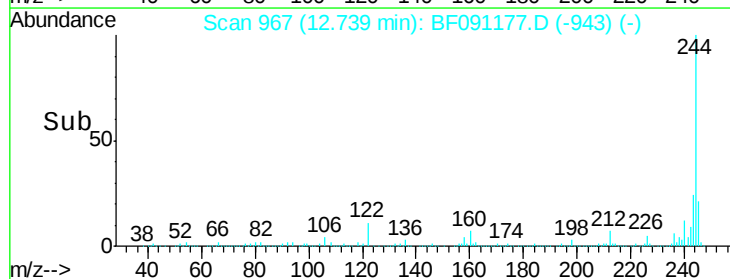
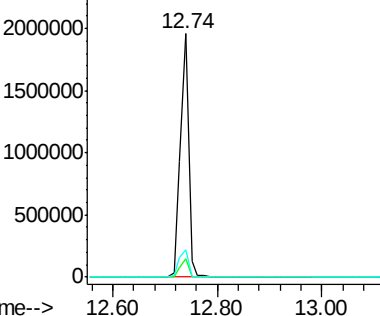
122 11.2 12.3 18.5#

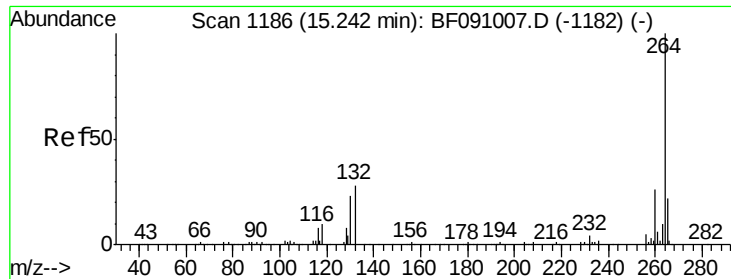


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	22.2	17.8	26.8

