

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
 Data File : BF091176.D
 Acq On : 15 Nov 2016 13:48
 Operator : UM/SJ
 Sample : H5636-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS073042

Quant Time: Nov 16 00:19:06 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

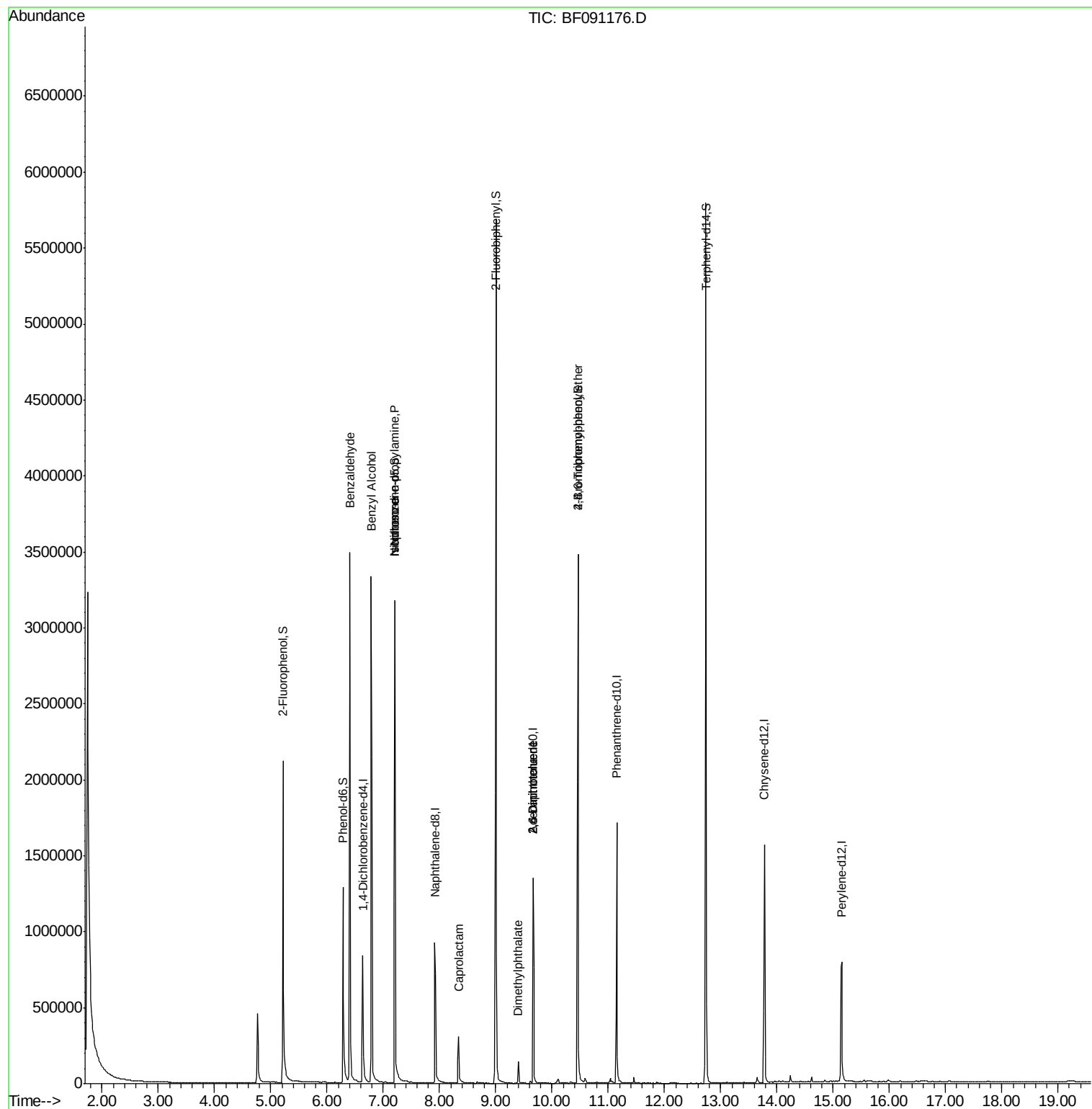
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	155037	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	664371	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	356512	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	647569	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	567440	20.00	ng	-0.03
86) Perylene-d12	15.15	264	445450	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	706374	75.25	ng	-0.02
7) Phenol-d6	6.28	99	585447	45.95	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1303749	107.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	544591	168.97	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1996063	96.39	ng	-0.03
78) Terphenyl-d14	12.74	244	2087338	91.80	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	30469	4.31	ng	Qvalue 91
15) Benzyl Alcohol	6.78	79	19936	2.22	ng	# 55
19) n-Nitroso-di-n-propylamine	7.21	70	177291	20.08	ng	# 77
25) Isophorone	7.21	82	1286382	54.81	ng	# 67
35) Caprolactam	8.34	113	42439	16.44	ng	# 83
49) Dimethylphthalate	9.40	163	61835	2.65	ng	99
50) 2,6-Dinitrotoluene	9.66	165	44932	8.97	ng	# 12
56) 2,4-Dinitrotoluene	9.66	165	44936	7.05	ng	# 26
66) 4-Bromophenyl-phenylether	10.46	248	38672	5.74	ng	# 1

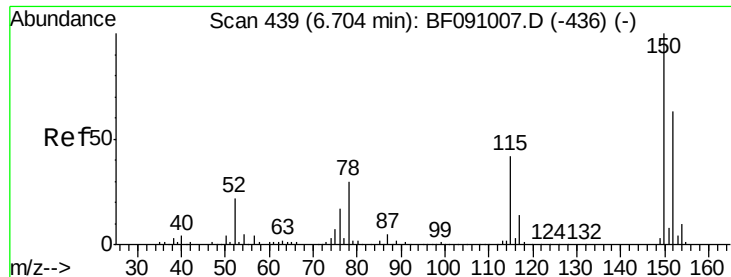
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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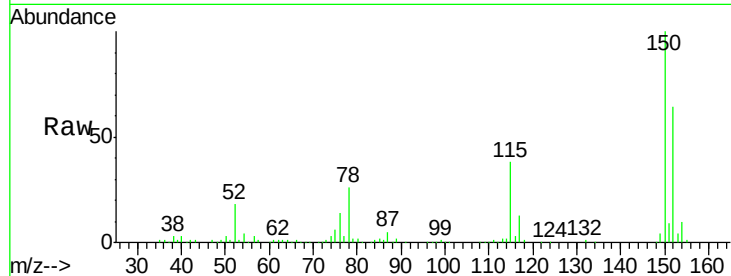


#1

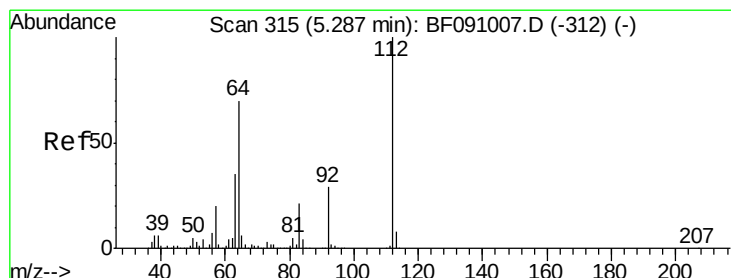
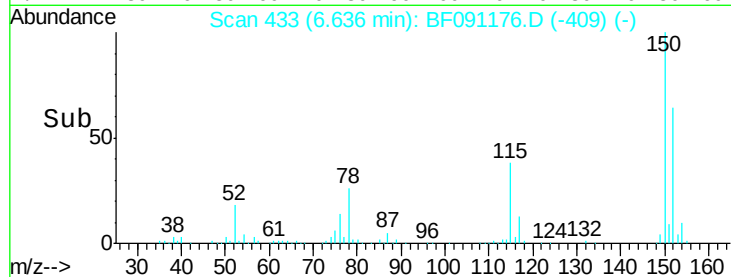
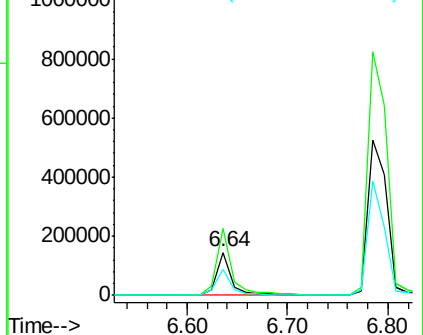
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion:152 Resp: 155037
Ion Ratio Lower Upper
152 100
150 155.8 126.8 190.2
115 59.7 53.3 79.9



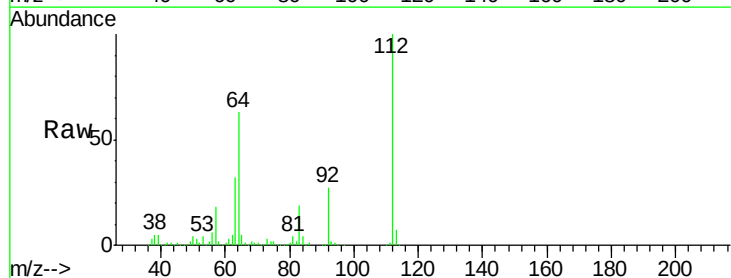
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



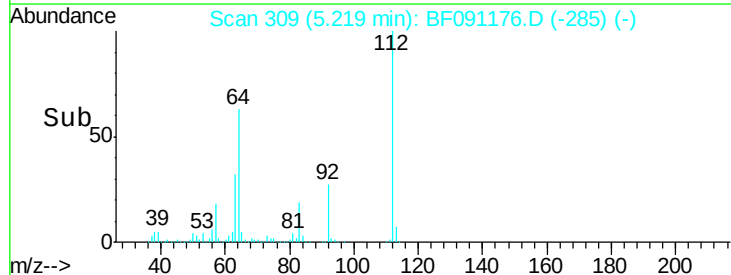
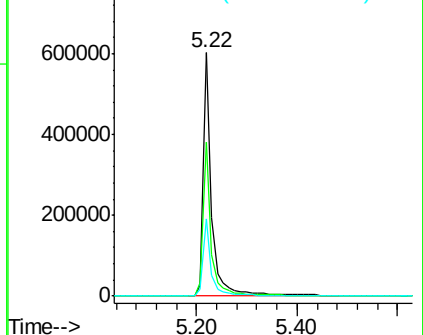
#5

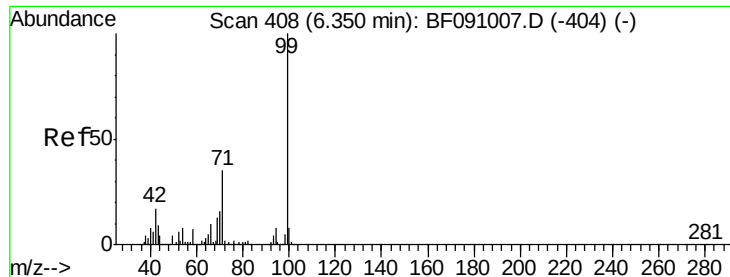
2-Fluorophenol
Concen: 75.25 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Tgt Ion:112 Resp: 706374
Ion Ratio Lower Upper
112 100
64 63.4 55.8 83.6
63 31.7 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: 45.95 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091176.D

Acq: 15 Nov 2016 13:48

Instrument :

BNA_F

ClientSampleId :

CPS073042

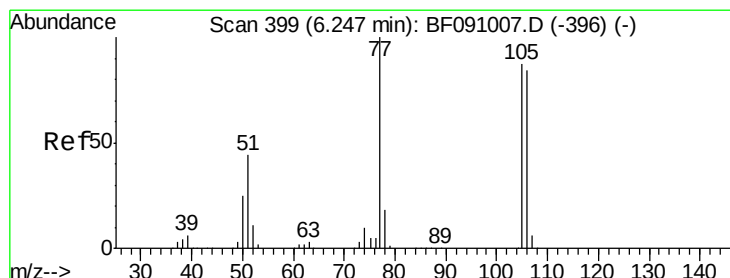
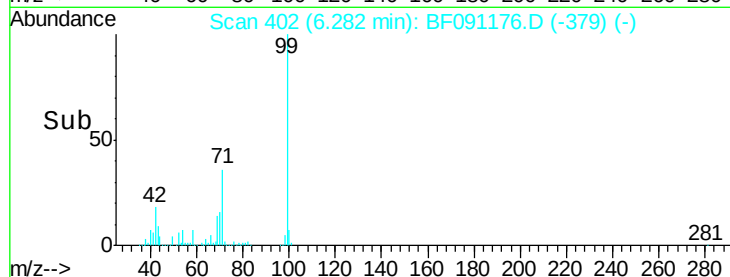
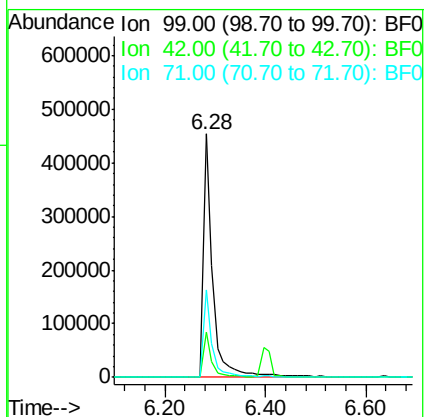
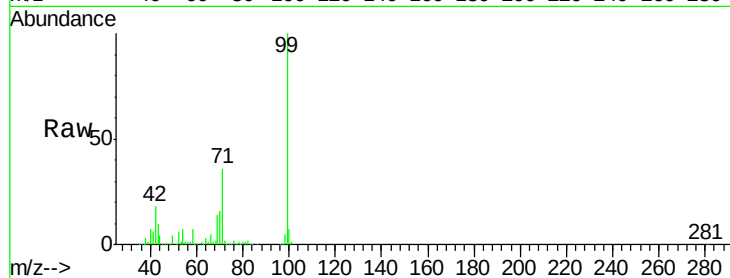
Tgt Ion: 99 Resp: 585447

Ion Ratio Lower Upper

99 100

42 18.5 13.9 20.9

71 36.1 27.8 41.8



#9

Benzaldehyde

Concen: 4.31 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.21 min

Lab File: BF091176.D

Acq: 15 Nov 2016 13:48

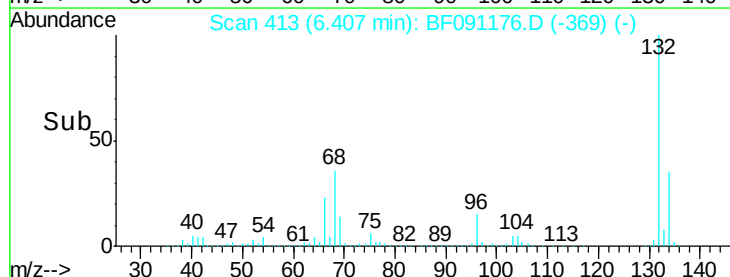
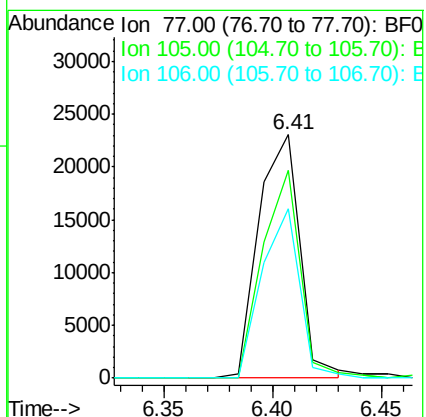
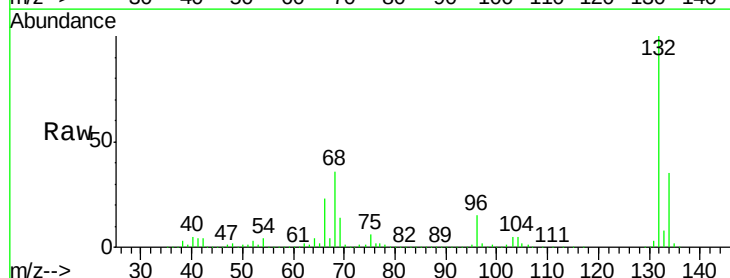
Tgt Ion: 77 Resp: 30469

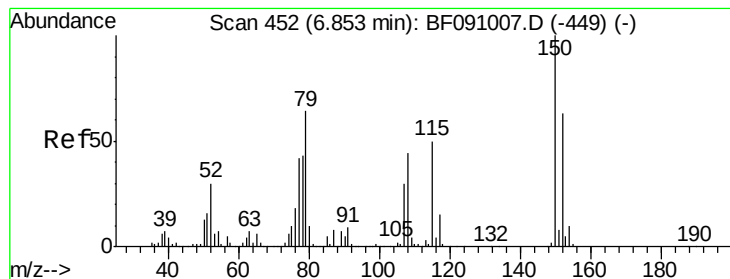
Ion Ratio Lower Upper

77 100

105 85.3 66.8 106.8

106 69.4 64.0 104.0





#15

Benzyl Alcohol

Concen: 2.22 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091176.D

Acq: 15 Nov 2016 13:48

Instrument :

BNA_F

ClientSampleId :

CPS073042

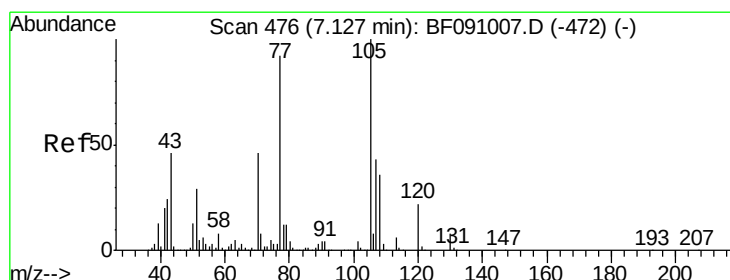
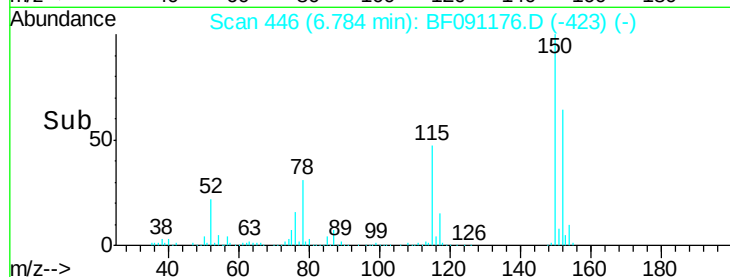
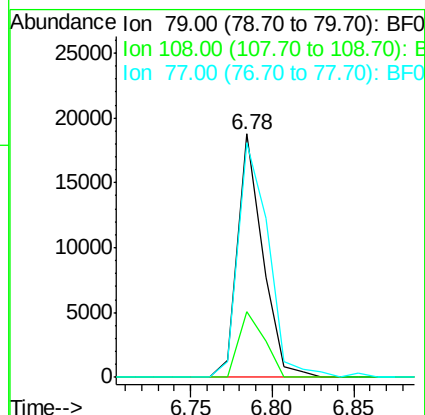
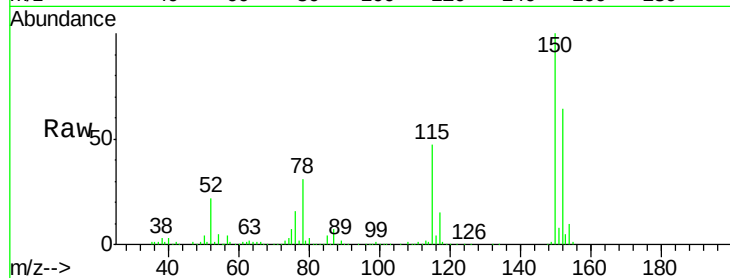
Tgt Ion: 79 Resp: 19936

Ion Ratio Lower Upper

79 100

108 26.8 55.7 83.5#

77 96.2 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 20.08 ng

RT: 7.21 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF091176.D

Acq: 15 Nov 2016 13:48

Tgt Ion: 70 Resp: 177291

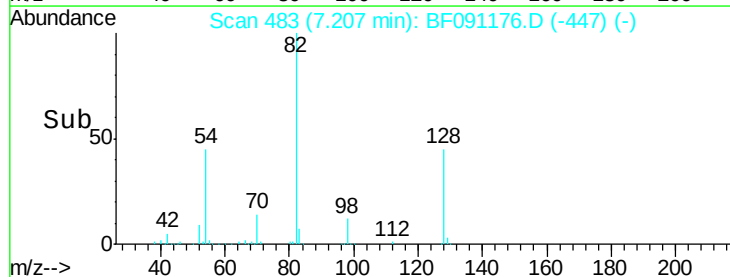
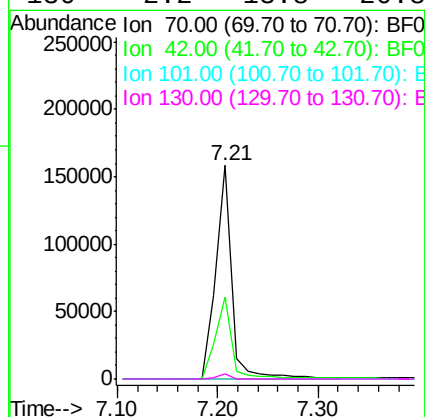
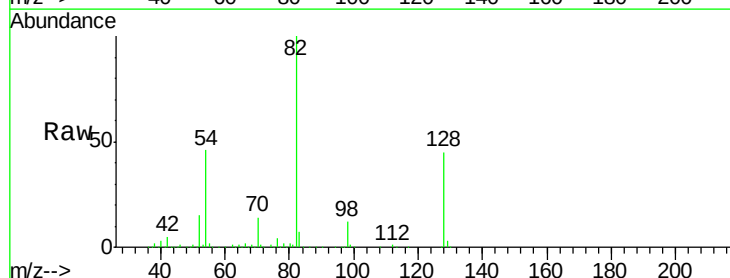
Ion Ratio Lower Upper

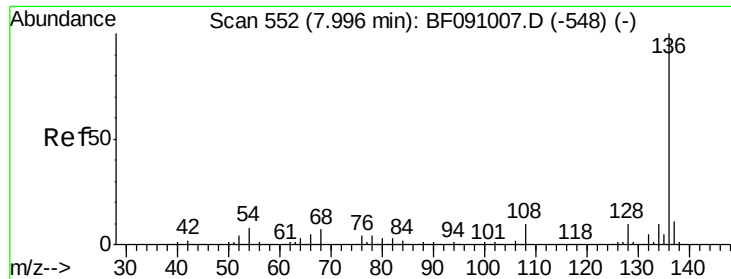
70 100

42 38.6 41.7 62.5#

101 0.0 6.7 10.1#

130 2.2 13.8 20.8#

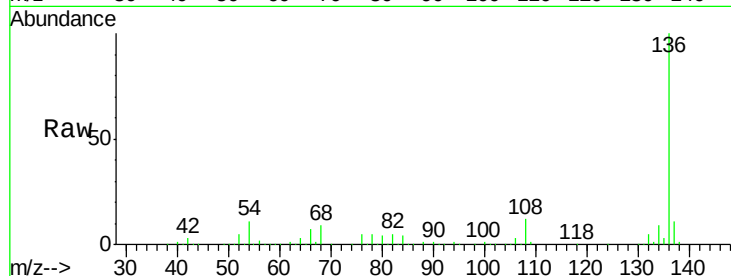




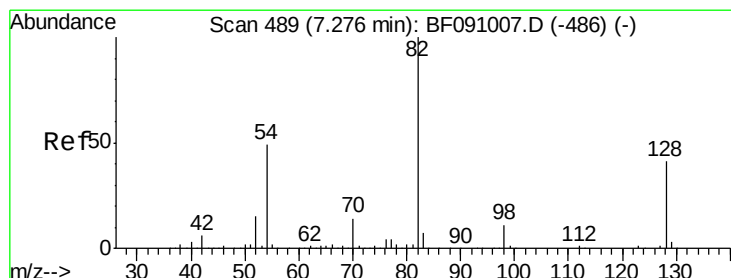
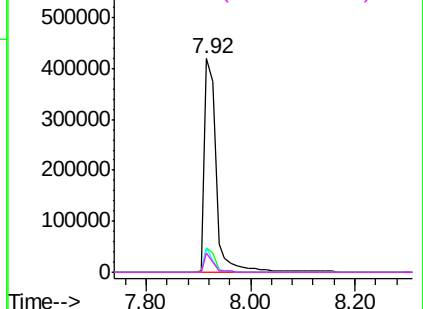
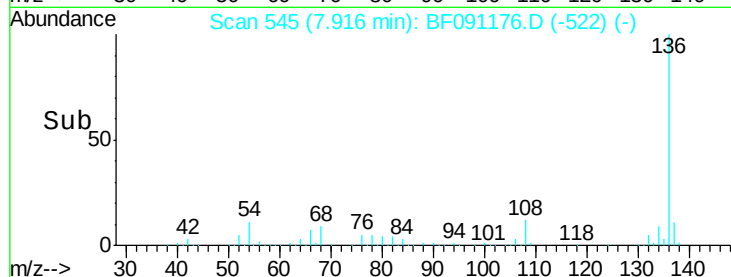
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion:	136	Resp:	664371
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	11.2	6.2	9.2#
68	9.1	5.5	8.3#

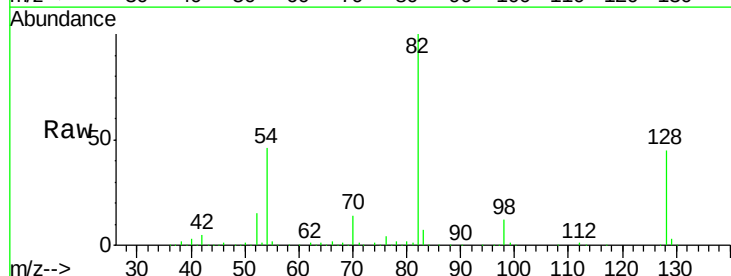


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

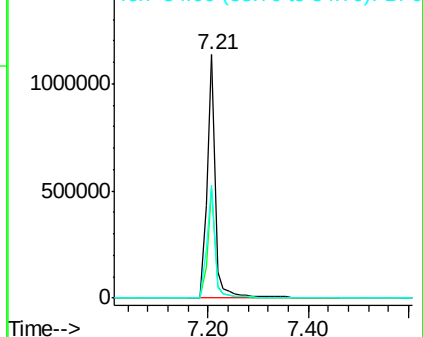
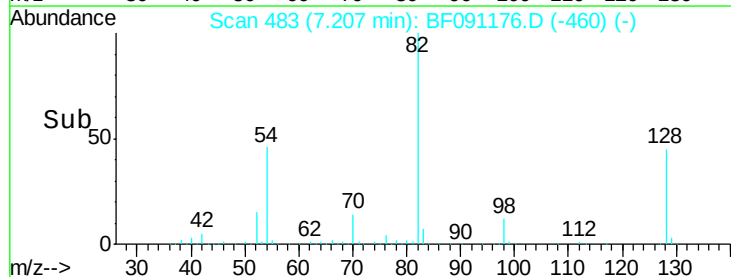


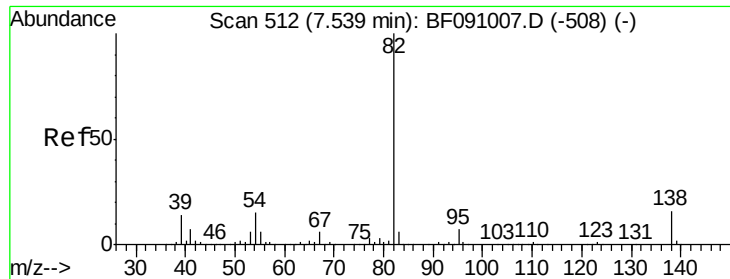
#23
Nitrobenzene-d5
Concen: 107.05 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Tgt Ion:	82	Resp:	1303749
Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.4	48.6
54	46.4	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: 54.81 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.29 min

Lab File: BF091176.D

Acq: 15 Nov 2016 13:48

Instrument :

BNA_F

ClientSampleId :

CPS073042

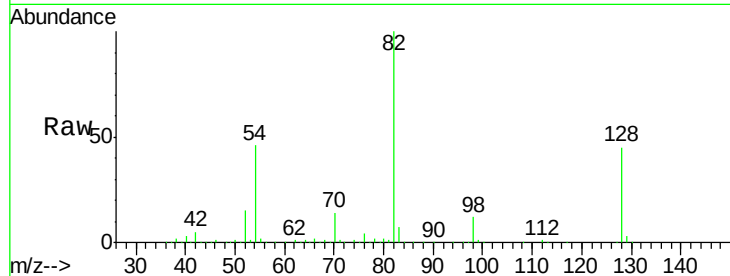
Tgt Ion: 82 Resp: 1286382

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

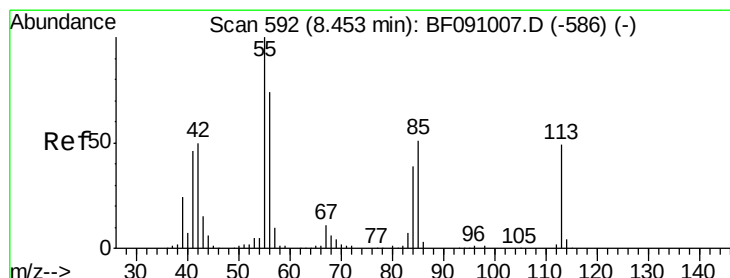
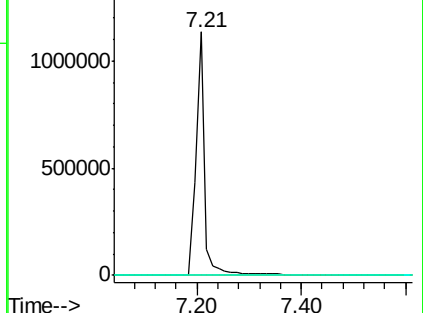
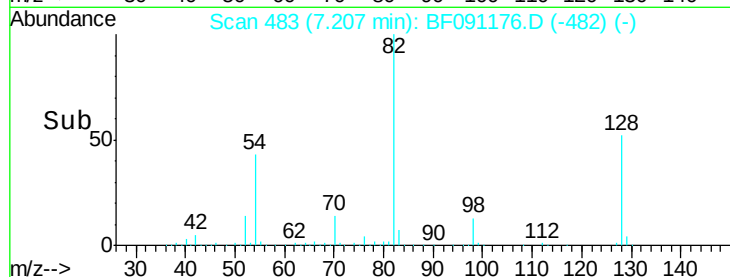
138 0.0 13.0 19.4#



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



#35

Caprolactam

Concen: 16.44 ng

RT: 8.34 min Scan# 582

Delta R.T. -0.08 min

Lab File: BF091176.D

Acq: 15 Nov 2016 13:48

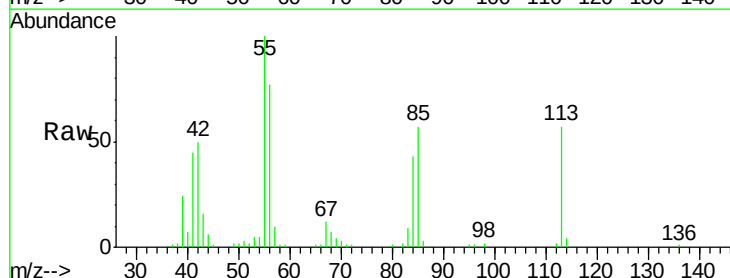
Tgt Ion: 113 Resp: 42439

Ion Ratio Lower Upper

113 100

55 175.1 184.1 224.1#

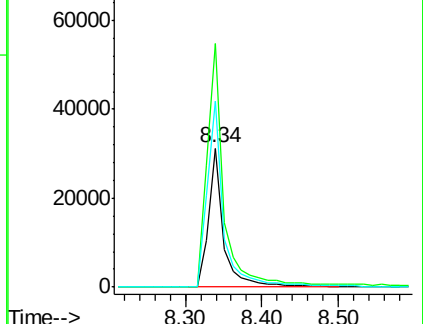
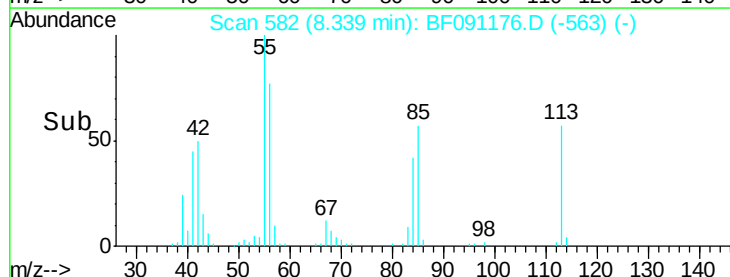
56 134.2 132.0 172.0

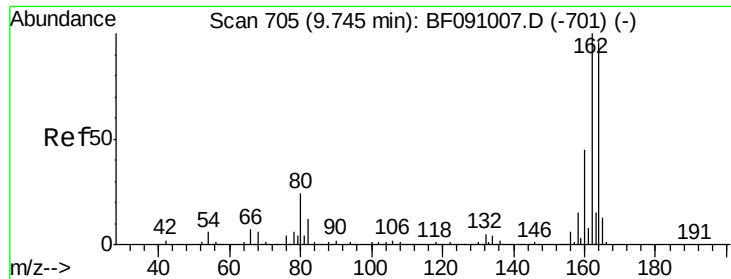


Abundance Ion 113.00 (112.70 to 113.70): BF0

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

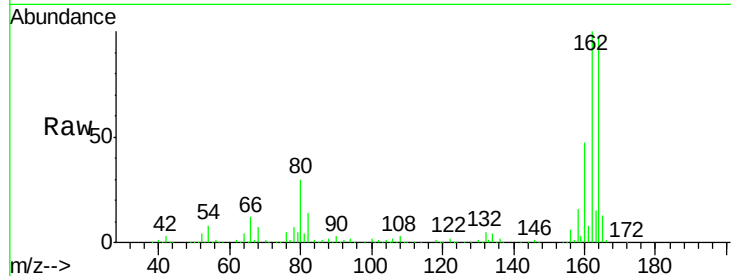




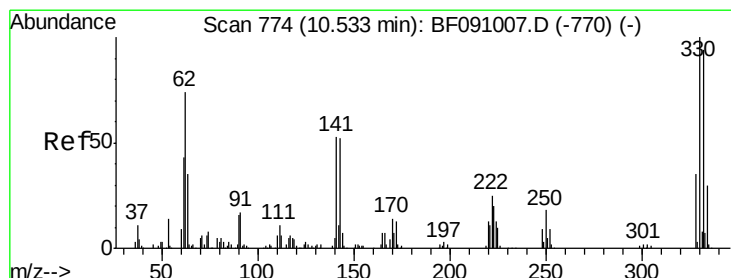
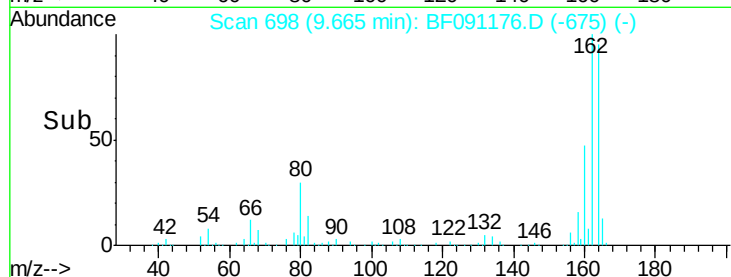
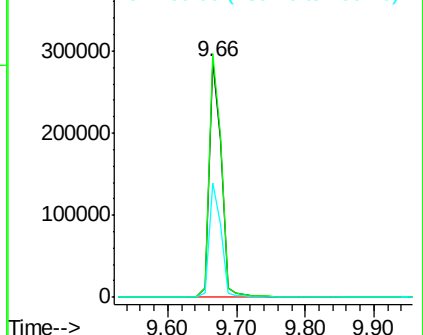
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion:164 Resp: 356512
Ion Ratio Lower Upper
164 100
162 103.2 83.6 125.4
160 48.3 37.9 56.9

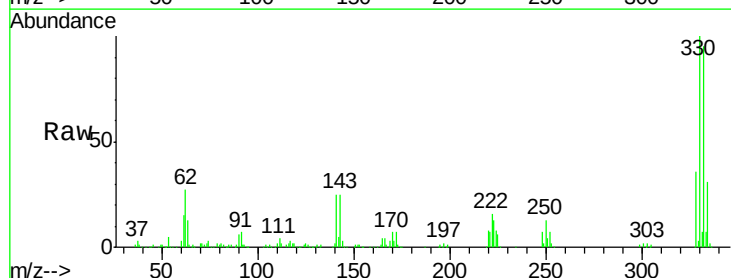


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

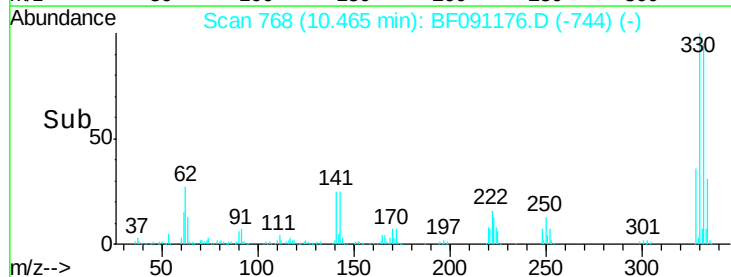
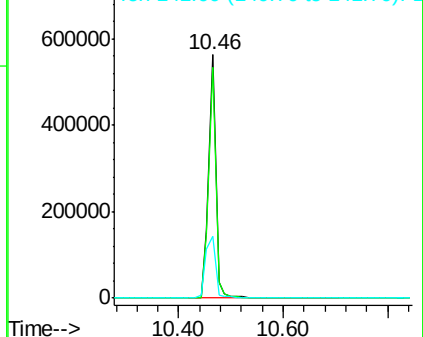


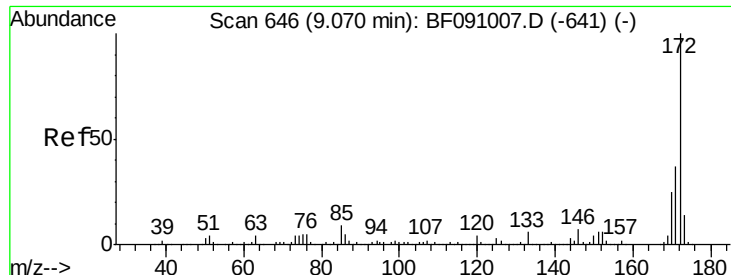
#41
2,4,6-Tribromophenol
Concen: 168.97 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Tgt Ion:330 Resp: 544591
Ion Ratio Lower Upper
330 100
332 95.0 75.9 113.9
141 36.2 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

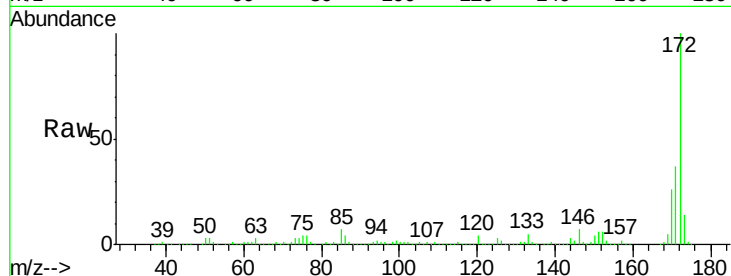




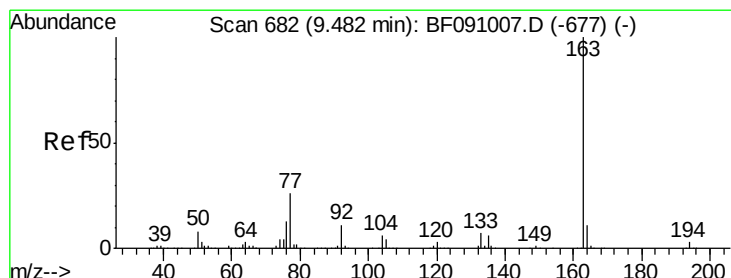
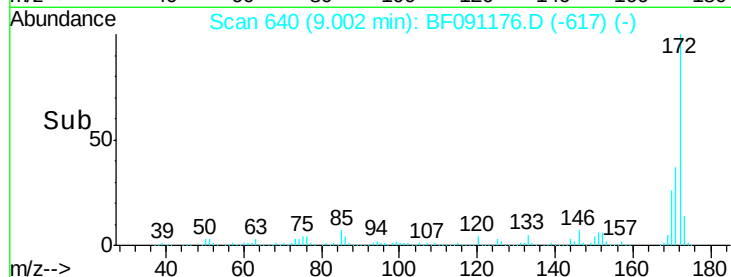
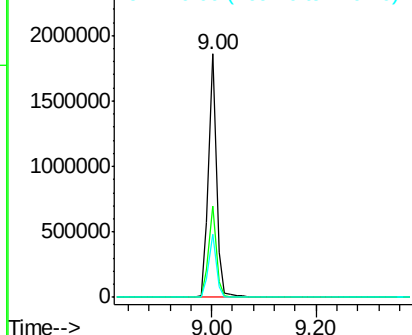
#44
 2-Fluorobiphenyl
 Concen: 96.39 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091176.D
 Acq: 15 Nov 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 CPS073042

Tgt Ion:172 Resp: 1996063
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.9 20.3 30.5

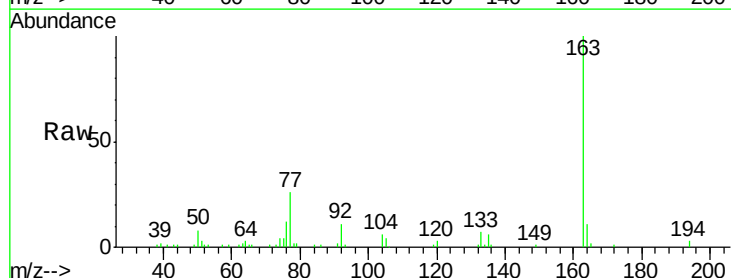


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

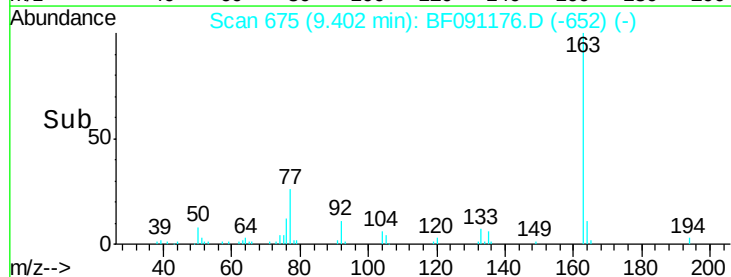
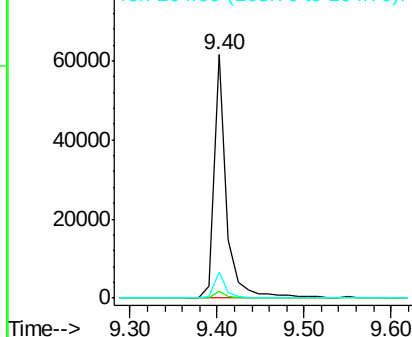


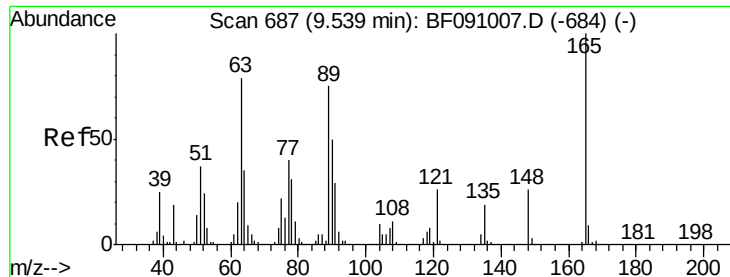
#49
 Dimethylphthalate
 Concen: 2.65 ng
 RT: 9.40 min Scan# 675
 Delta R.T. -0.03 min
 Lab File: BF091176.D
 Acq: 15 Nov 2016 13:48

Tgt Ion:163 Resp: 61835
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.6 4.0
 164 10.5 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

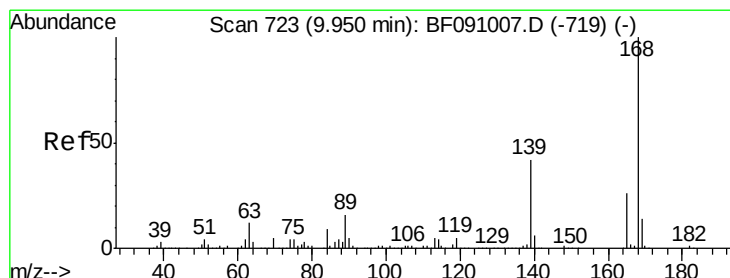
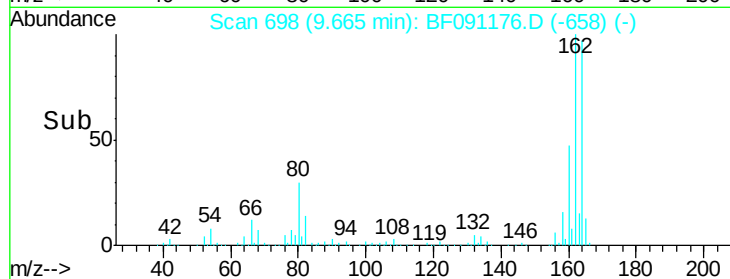
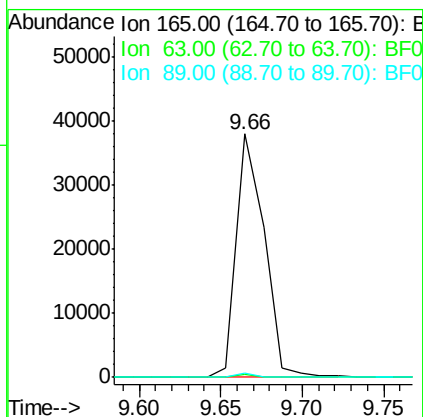
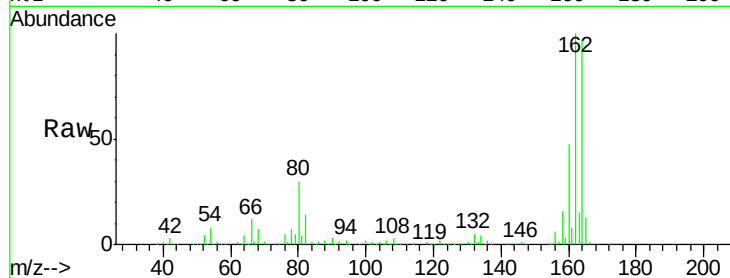




#50
 2,6-Dinitrotoluene
 Concen: 8.97 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.16 min
 Lab File: BF091176.D
 Acq: 15 Nov 2016 13:48

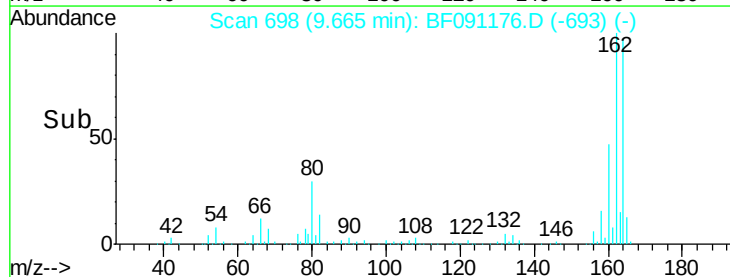
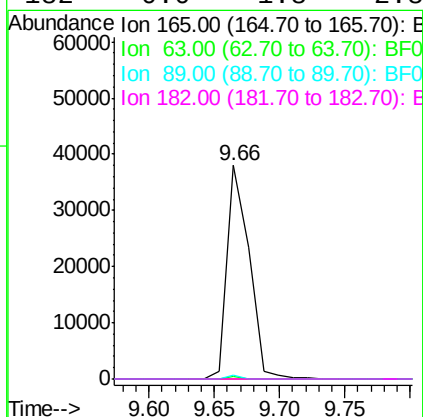
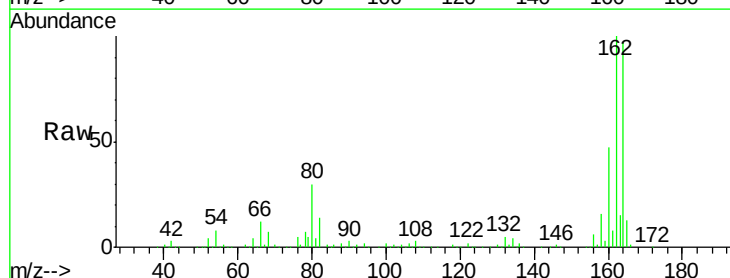
Instrument :
 BNA_F
 ClientSampleId :
 CPS073042

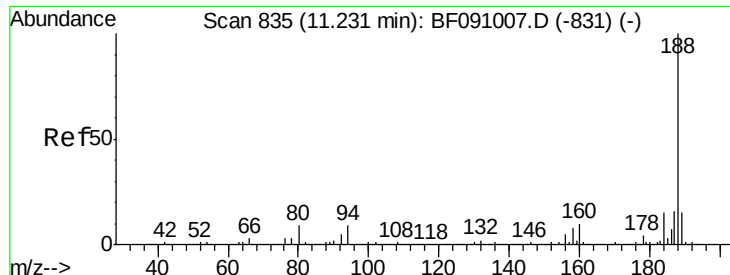
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	65.6	98.4#
89	1.5	59.8	89.6#



#56
 2,4-Dinitrotoluene
 Concen: 7.05 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.24 min
 Lab File: BF091176.D
 Acq: 15 Nov 2016 13:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.7	58.1#
89	1.5	50.6	76.0#
182	0.0	1.8	2.8#

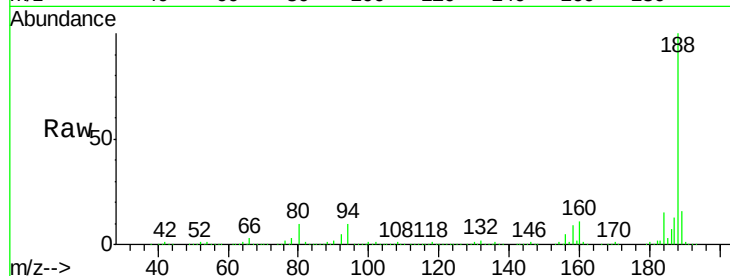




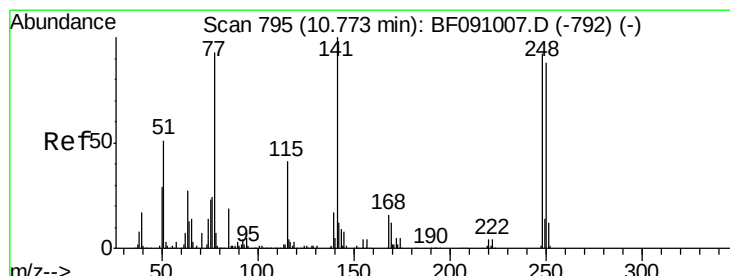
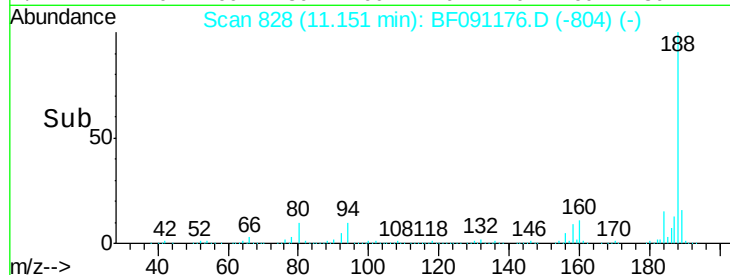
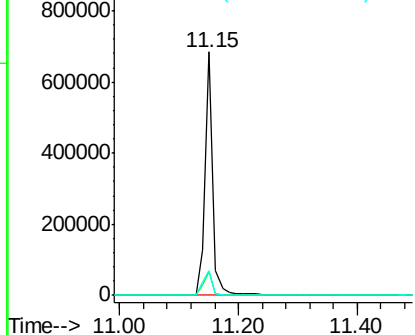
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF091176.D
 Acq: 15 Nov 2016 13:48

Instrument :
 BNA_F
 ClientSampleId :
 CPS073042

Tgt Ion:188 Resp: 647569
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.0 10.4
 80 10.4 7.5 11.3

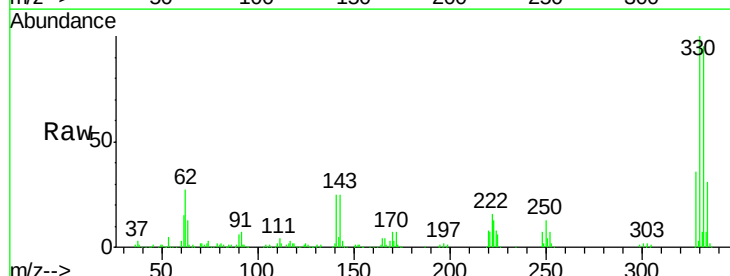


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

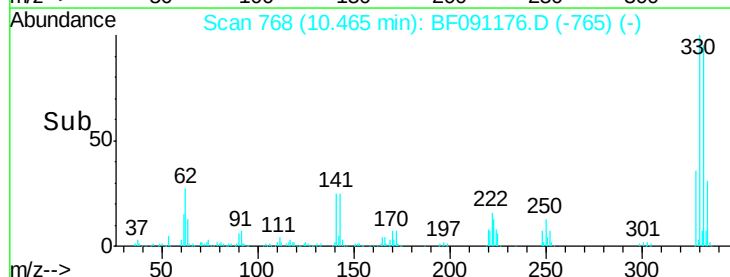
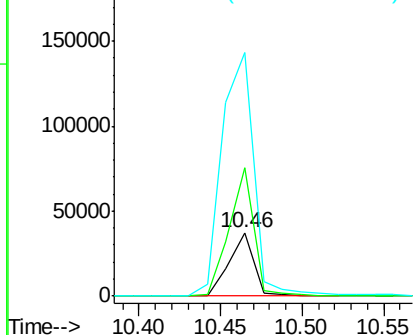


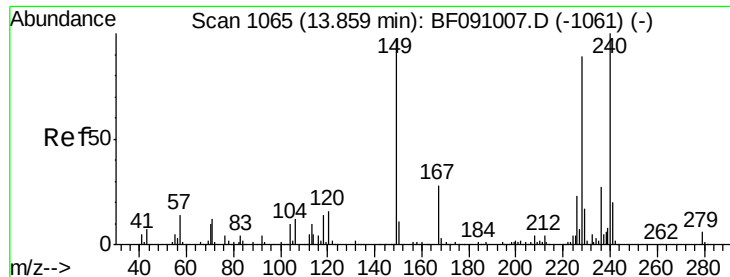
#66
 4-Bromophenyl-phenylether
 Concen: 5.74 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.26 min
 Lab File: BF091176.D
 Acq: 15 Nov 2016 13:48

Tgt Ion:248 Resp: 38672
 Ion Ratio Lower Upper
 248 100
 250 202.4 76.3 114.5#
 141 383.6 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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091176.D

Acq: 15 Nov 2016 13:48

Instrument :

BNA_F

ClientSampleId :

CPS073042

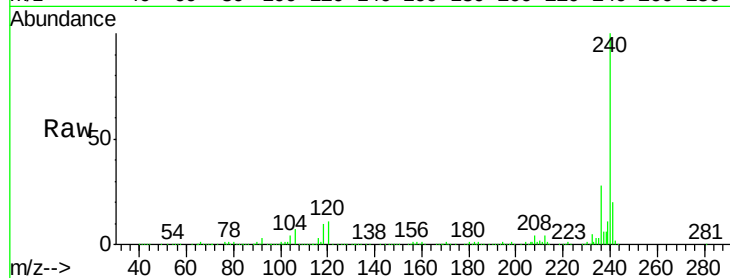
Tgt Ion:240 Resp: 567440

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

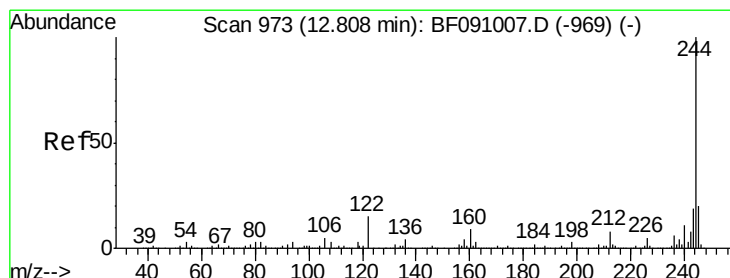
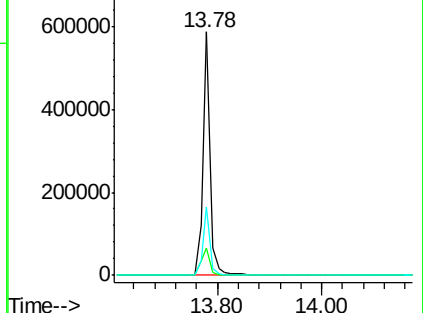
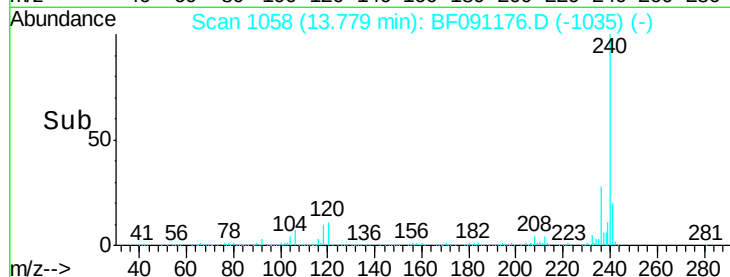
236 27.9 21.9 32.9



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: 91.80 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091176.D

Acq: 15 Nov 2016 13:48

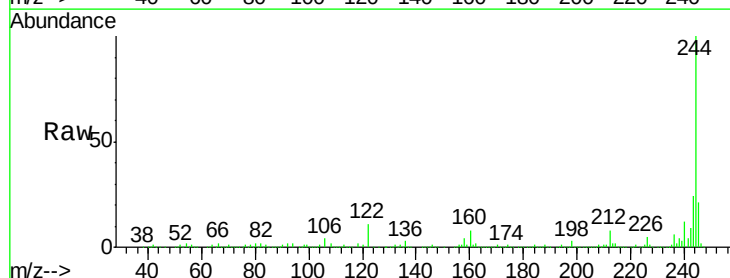
Tgt Ion:244 Resp: 2087338

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

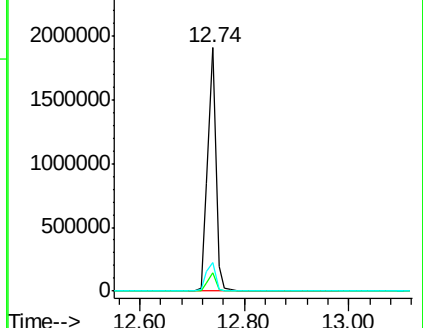
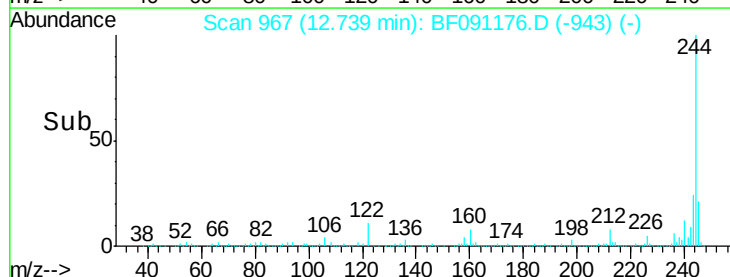
122 11.5 12.3 18.5#

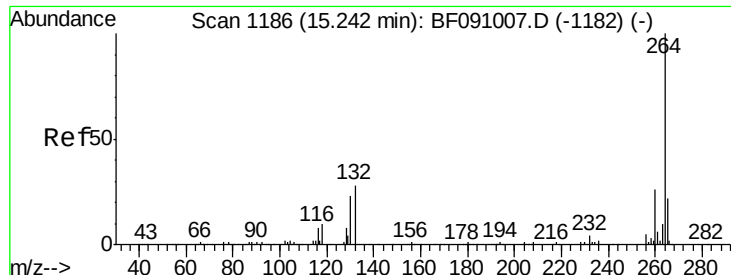


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091176.D
Acq: 15 Nov 2016 13:48

Instrument :
BNA_F
ClientSampleId :
CPS073042

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	21.6	17.8	26.8

