

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091447.D
 Acq On : 6 Dec 2016 6:29
 Operator : UM/SJ
 Sample : H5836-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 06:58:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

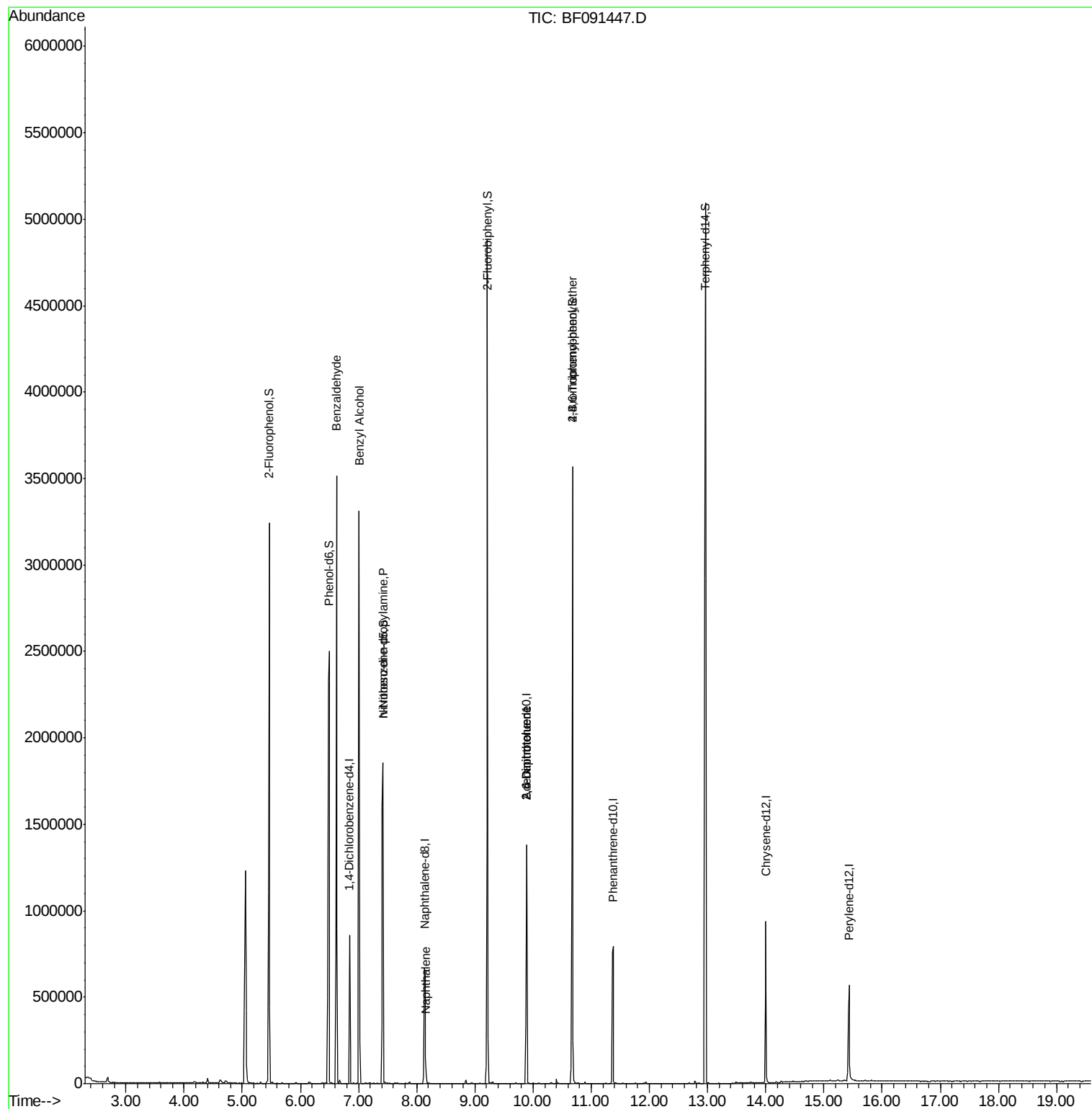
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113929	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	444020	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	306454	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	461949	20.00	ng	0.00
75) Chrysene-d12	14.00	240	409787	20.00	ng	0.00
86) Perylene-d12	15.43	264	316801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	830831	119.13	ng	0.02
7) Phenol-d6	6.49	99	1218409	141.92	ng	0.01
23) Nitrobenzene-d5	7.42	82	841237	106.17	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	424267	146.24	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1525802	90.15	ng	0.00
78) Terphenyl-d14	12.96	244	1950070	103.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	23424	4.24	ng	Qvalue 89
15) Benzyl Alcohol	7.01	79	13804	2.01	ng	# 38
19) n-Nitroso-di-n-propylamine	7.42	70	113948	21.07	ng	# 65
31) Naphthalene	8.15	128	66038	3.13	ng	98
50) 2,6-Dinitrotoluene	9.89	165	39507	9.53	ng	# 16
56) 2,4-Dinitrotoluene	9.89	165	39508	7.34	ng	# 33
66) 4-Bromophenyl-phenylether	10.68	248	28027	5.64	ng	# 1

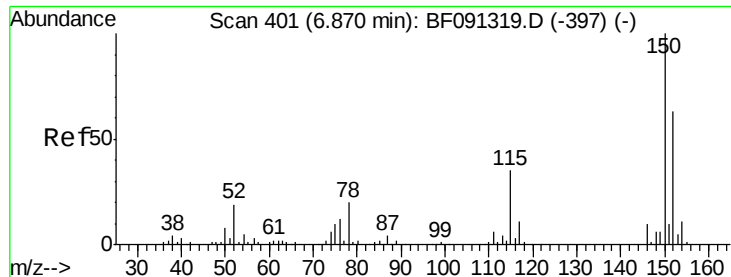
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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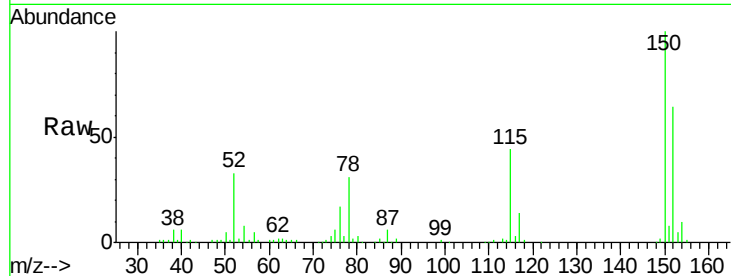




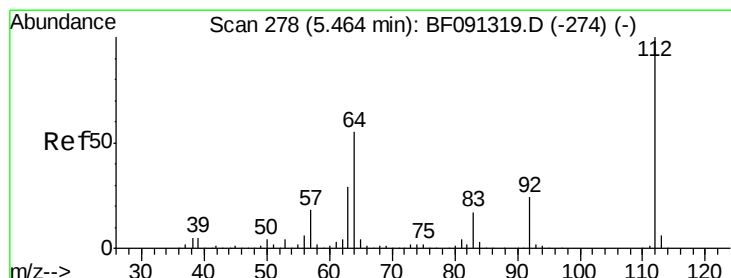
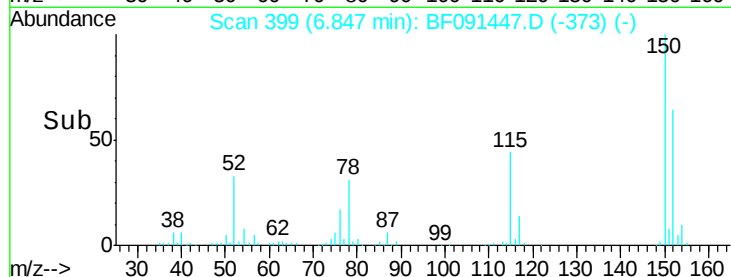
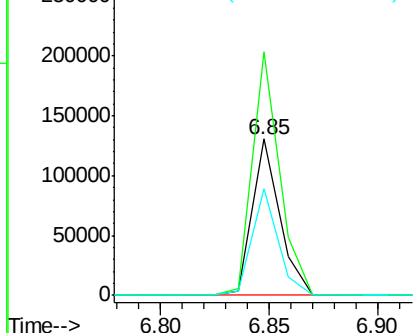
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF091447.D
 Acq: 6 Dec 2016 6:29

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:152 Resp: 113929
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.5 183.7
 115 68.3 51.8 77.8

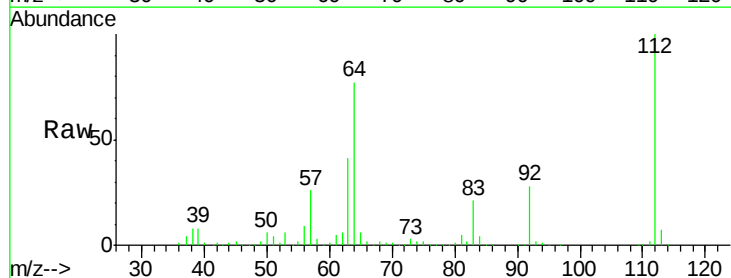


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

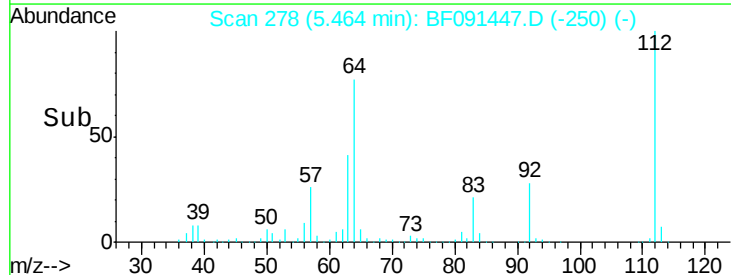
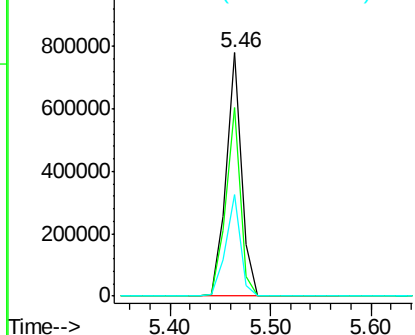


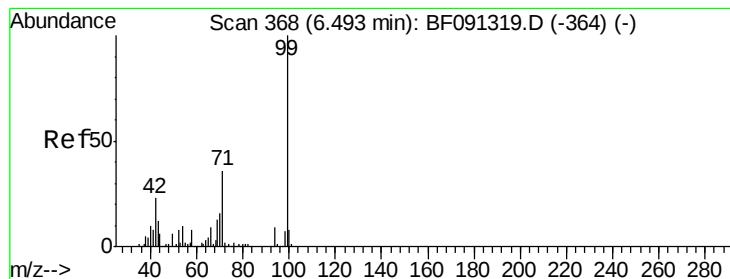
#5
 2-Fluorophenol
 Concen: 119.13 ng
 RT: 5.46 min Scan# 278
 Delta R.T. 0.02 min
 Lab File: BF091447.D
 Acq: 6 Dec 2016 6:29

Tgt Ion:112 Resp: 830831
 Ion Ratio Lower Upper
 112 100
 64 77.5 61.5 92.3
 63 41.5 33.3 49.9



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: 141.92 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.01 min

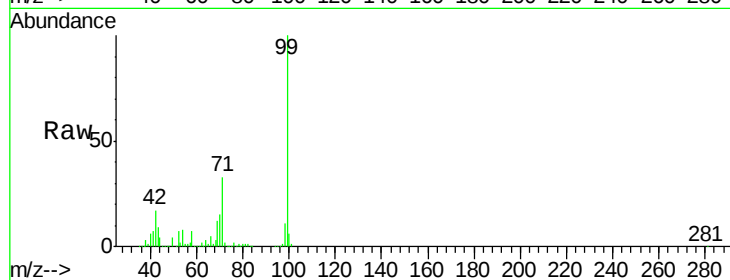
Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

Instrument :

BNA_F

ClientSampled :



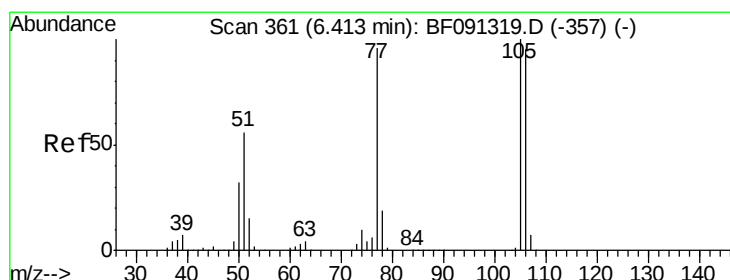
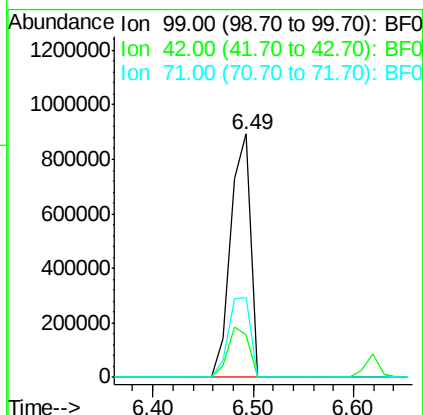
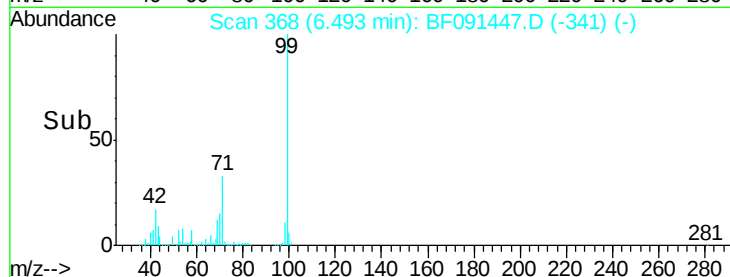
Tgt Ion: 99 Resp: 1218409

Ion Ratio Lower Upper

99 100

42 17.3 20.6 31.0#

71 32.6 29.9 44.9



#9

Benzaldehyde

Concen: 4.24 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.23 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

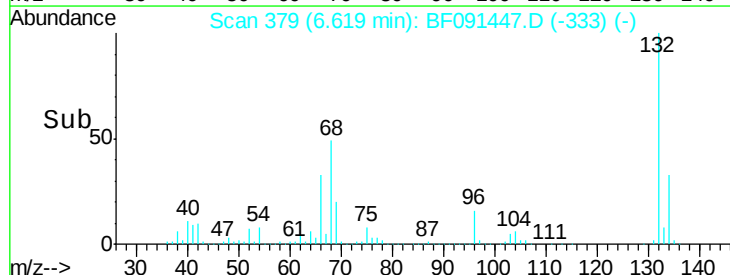
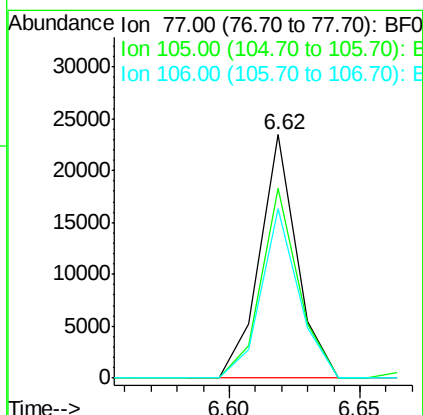
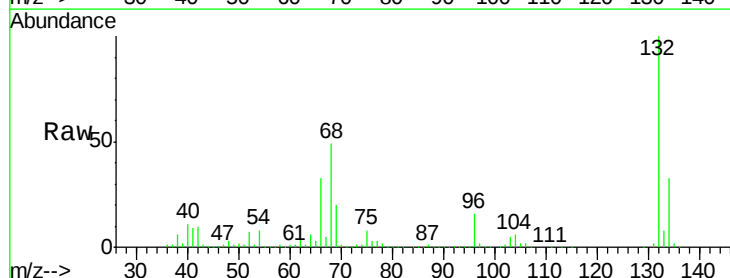
Tgt Ion: 77 Resp: 23424

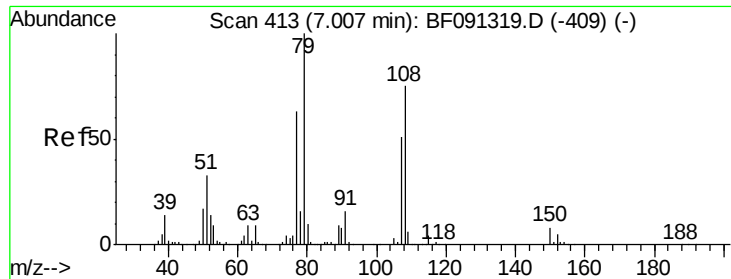
Ion Ratio Lower Upper

77 100

105 77.8 66.4 106.4

106 69.6 60.9 100.9





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

Instrument :

BNA_F

ClientSampled :

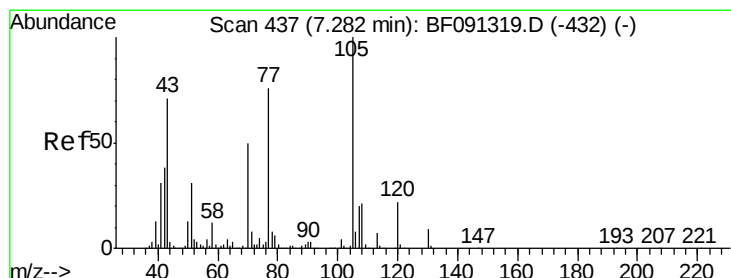
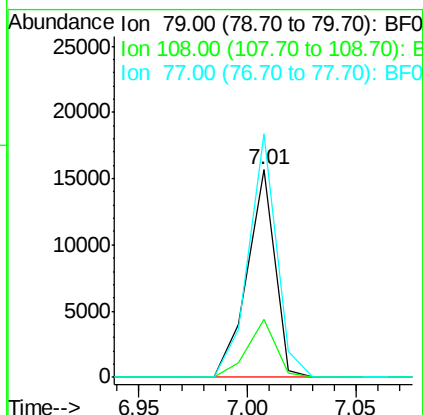
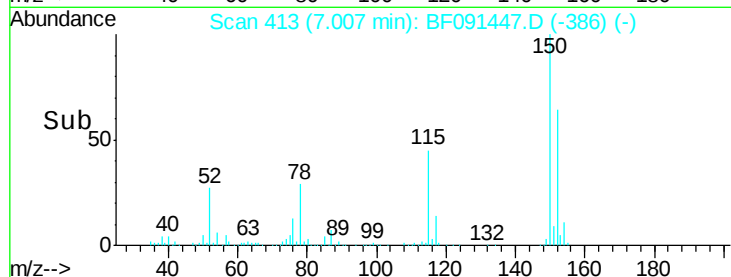
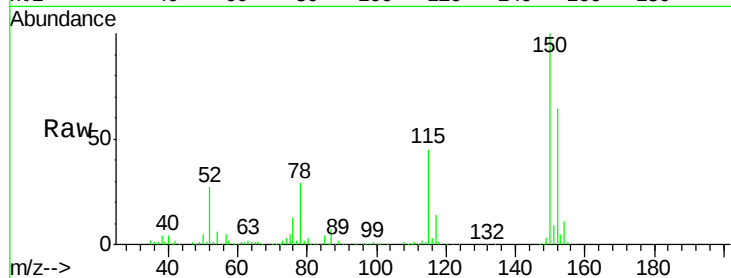
Tgt Ion: 79 Resp: 13804

Ion Ratio Lower Upper

79 100

108 28.1 62.7 94.1#

77 117.3 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 21.07 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.15 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

Tgt Ion: 70 Resp: 113948

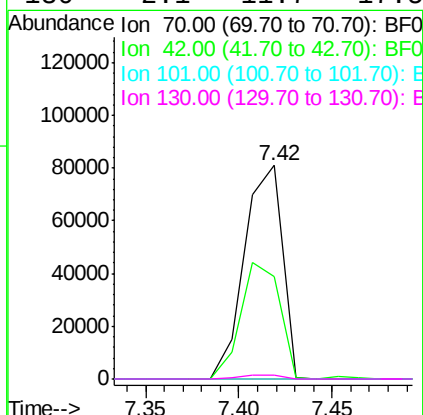
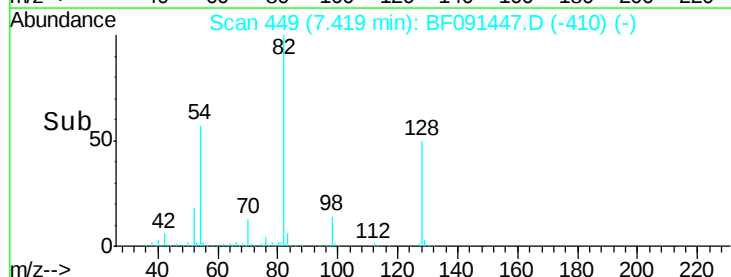
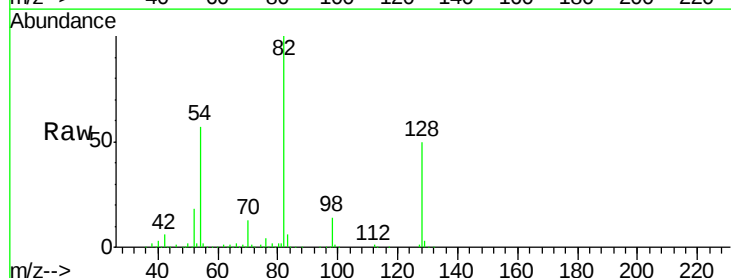
Ion Ratio Lower Upper

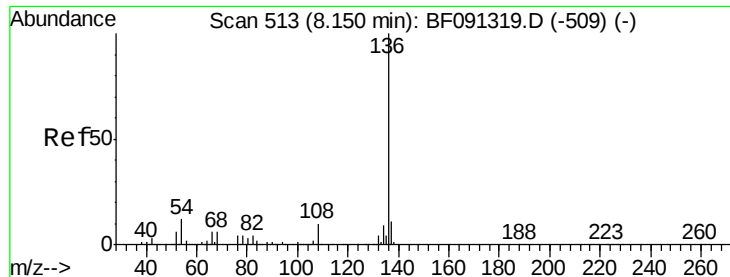
70 100

42 47.8 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF091447.D

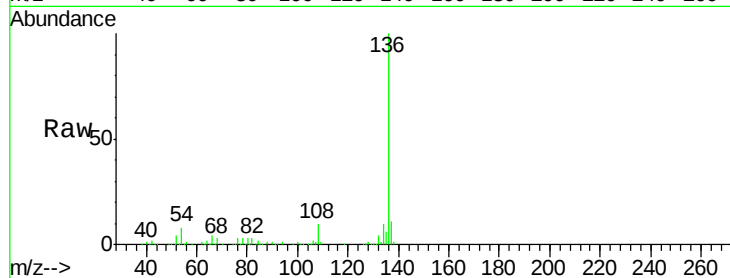
Acq: 6 Dec 2016 6:29

Instrument :

BNA_F

ClientSampled :

Tgt Ion:	136	Resp:	444020
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	7.6	9.1	13.7#
68	3.3	5.9	8.9#

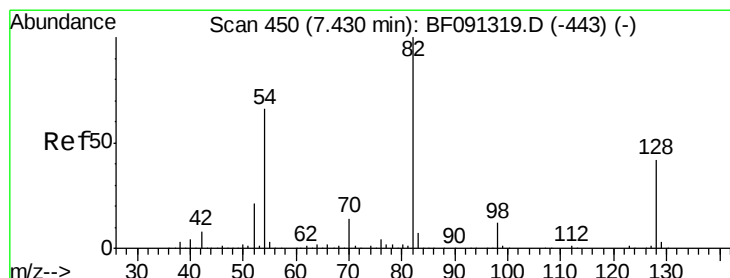
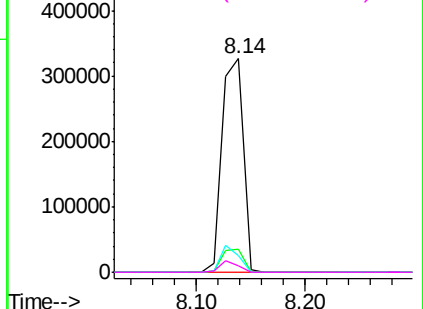
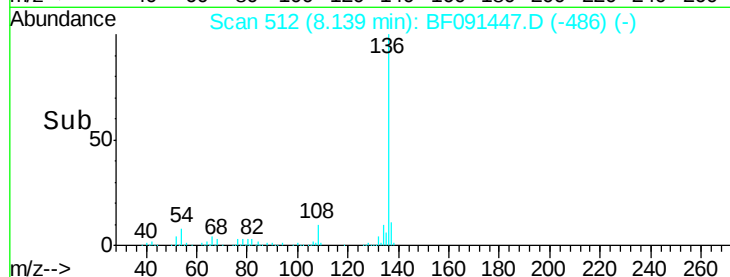


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.17 ng

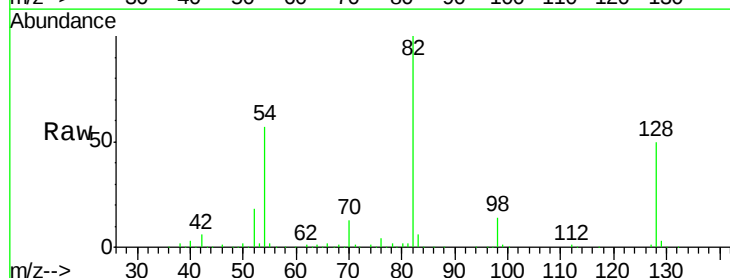
RT: 7.42 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

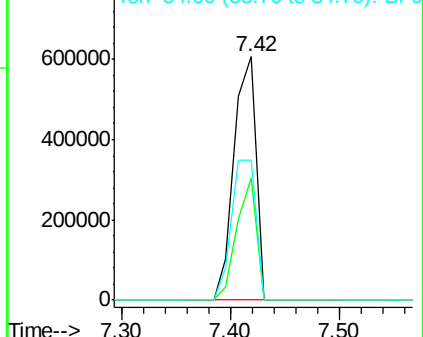
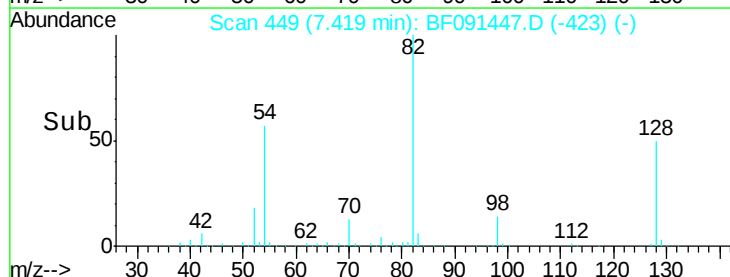
Tgt Ion:	82	Resp:	841237
Ion	Ratio	Lower	Upper
82	100		
128	49.9	31.8	47.6#
54	57.3	49.1	73.7

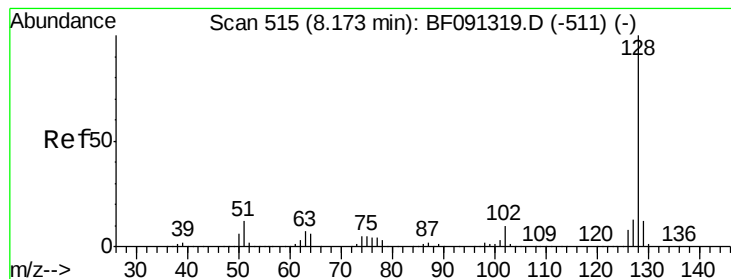


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 3.13 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

Instrument :

BNA_F

ClientSampleId :

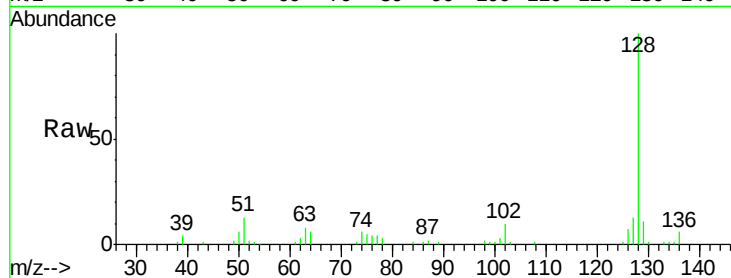
Tgt Ion:128 Resp: 66038

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

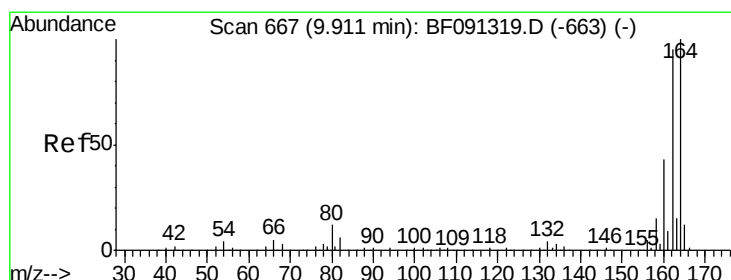
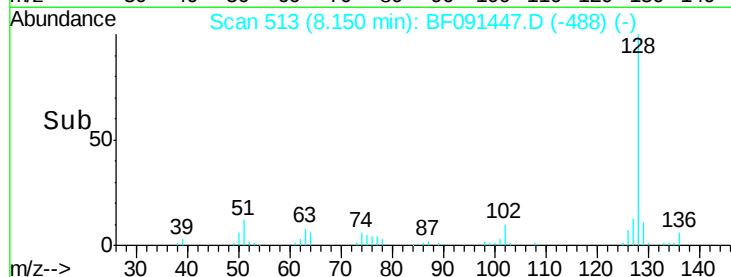
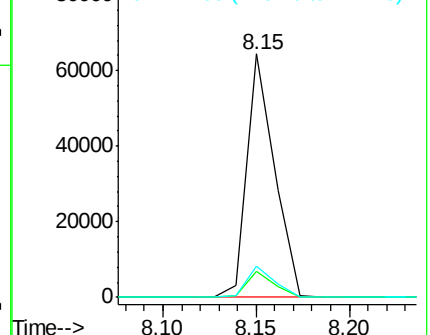
127 12.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

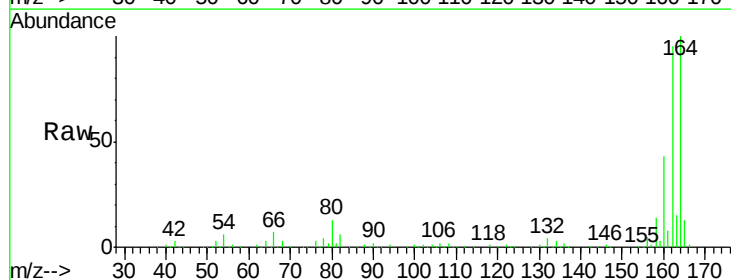
Tgt Ion:164 Resp: 306454

Ion Ratio Lower Upper

164 100

162 95.4 82.6 124.0

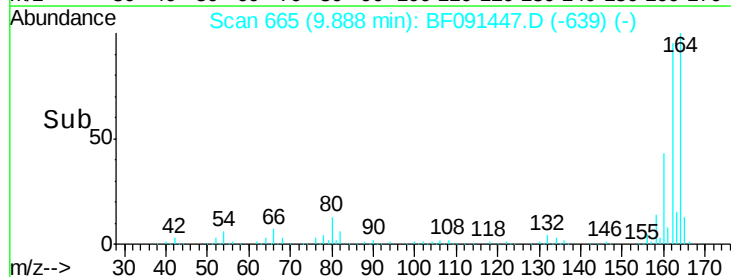
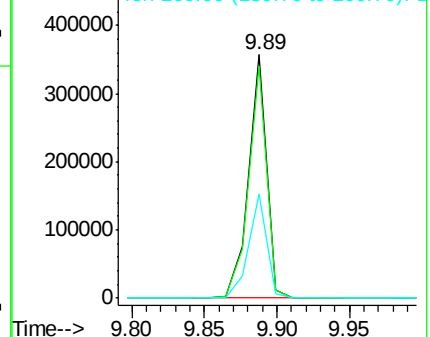
160 42.6 36.7 55.1

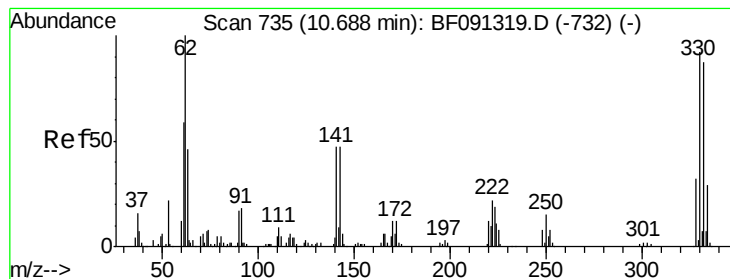


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

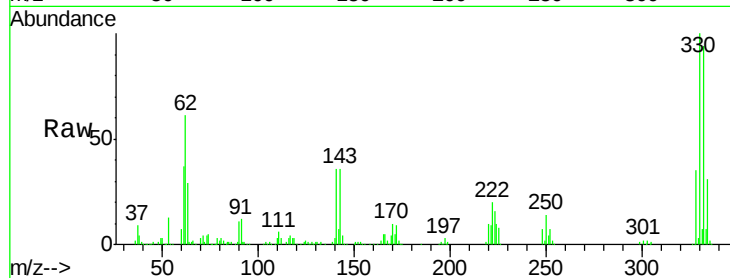




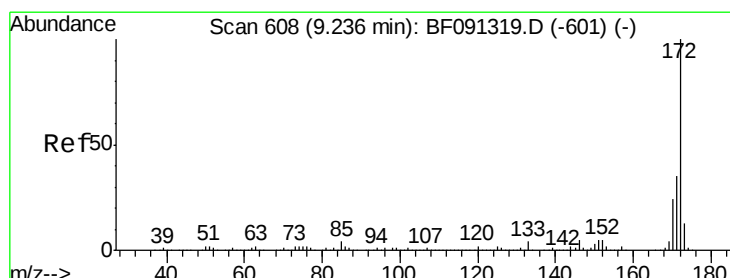
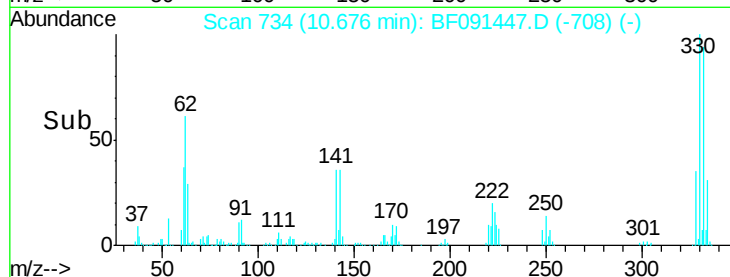
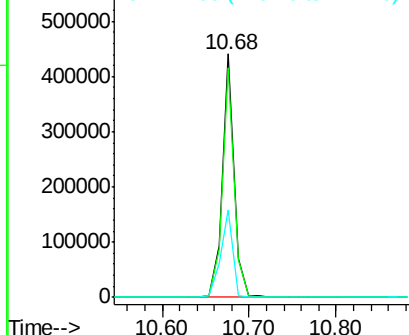
#41
 2,4,6-Tribromophenol
 Concen: 146.24 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091447.D
 Acq: 6 Dec 2016 6:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 424267
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.2 114.4
 141 36.5 33.6 50.4

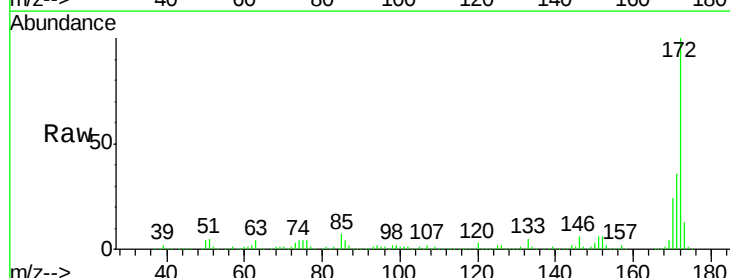


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

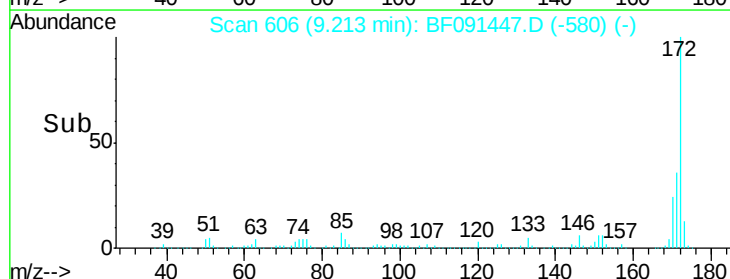
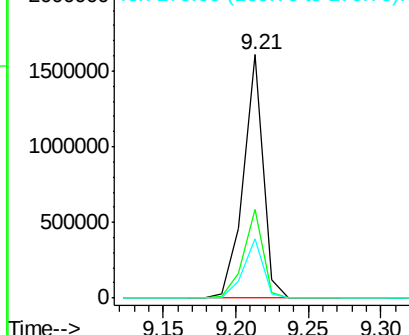


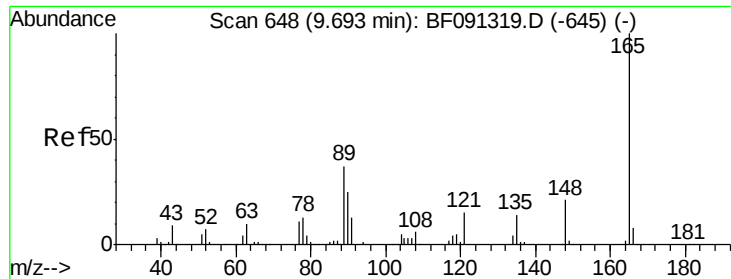
#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091447.D
 Acq: 6 Dec 2016 6:29

Tgt Ion:172 Resp: 1525802
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 19.7 29.5



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

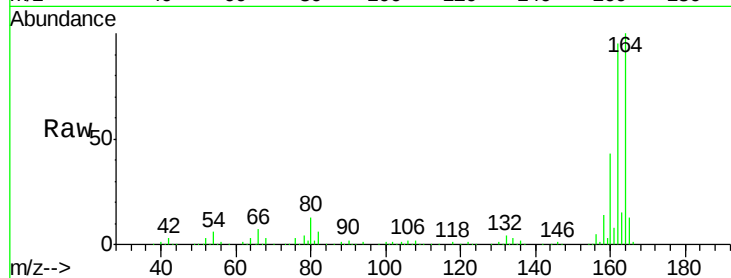




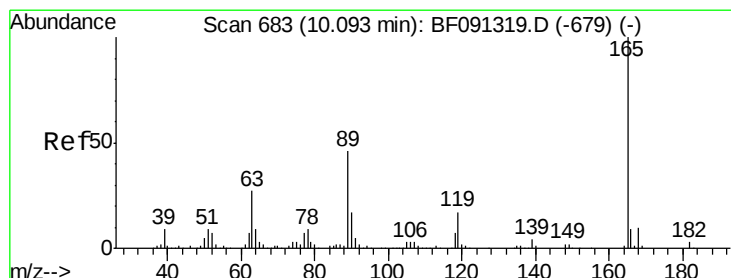
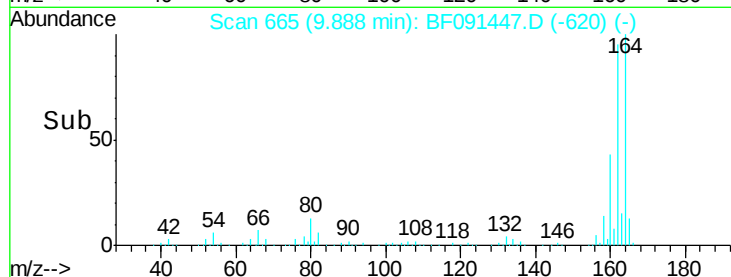
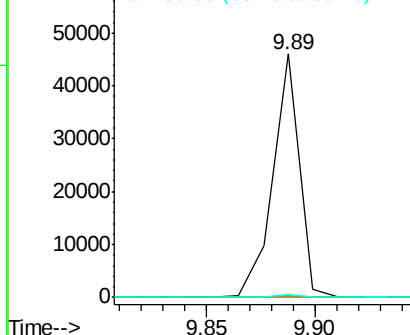
#50
2,6-Dinitrotoluene
Concen: 9.53 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.22 min
Lab File: BF091447.D
Acq: 6 Dec 2016 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	59.4	89.0#
89	1.3	50.8	76.2#

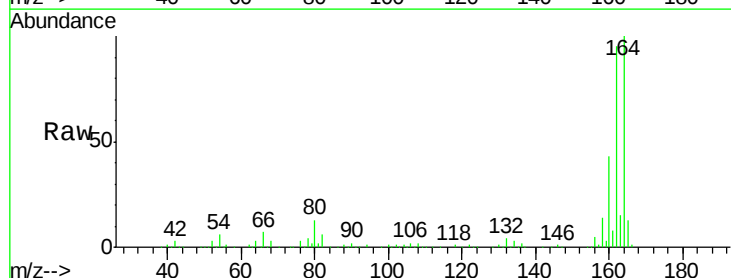


Abundance Ion 165.00 (164.70 to 165.70): E

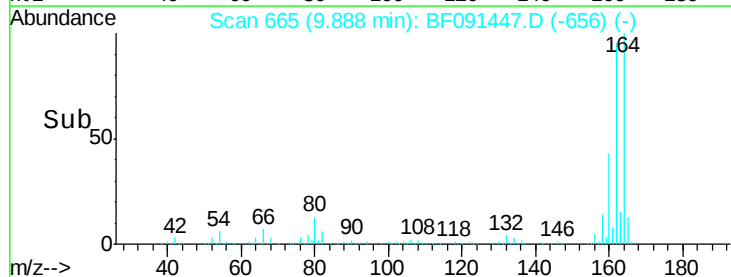
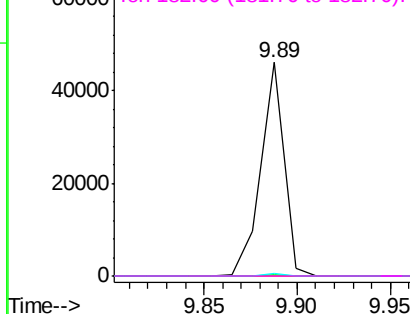


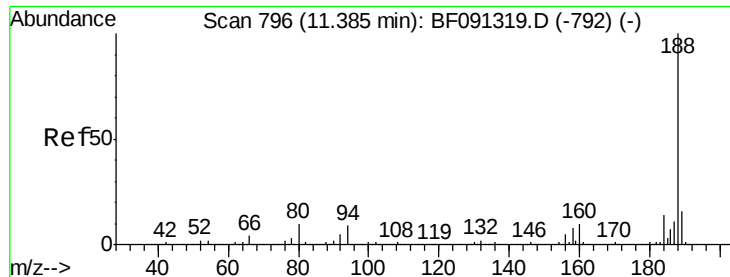
#56
2,4-Dinitrotoluene
Concen: 7.34 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.19 min
Lab File: BF091447.D
Acq: 6 Dec 2016 6:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.0	43.4#
89	1.3	43.1	64.7#
182	0.0	1.9	2.9#



Abundance Ion 165.00 (164.70 to 165.70): E

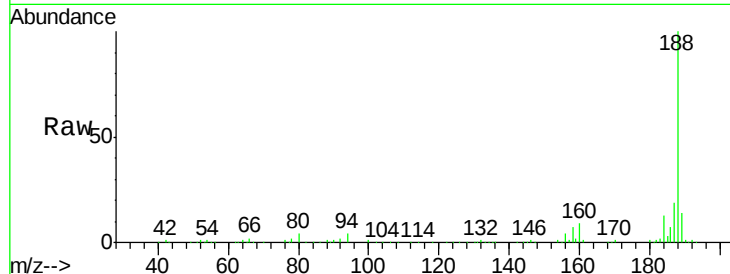




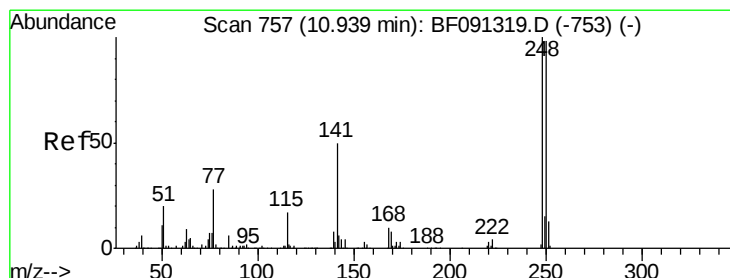
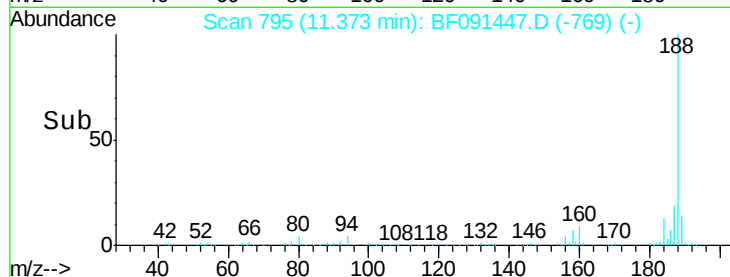
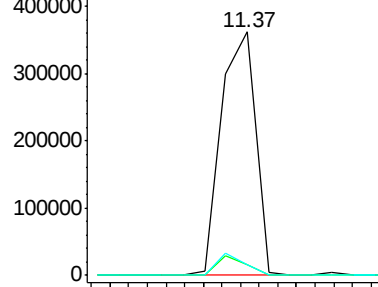
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF091447.D
Acq: 6 Dec 2016 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 461949
Ion Ratio Lower Upper
188 100
94 4.2 9.2 13.8#
80 4.5 10.5 15.7#

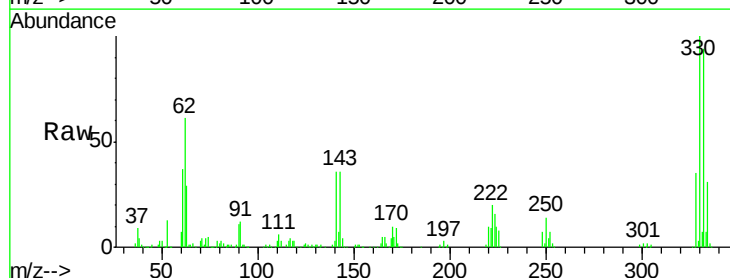


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

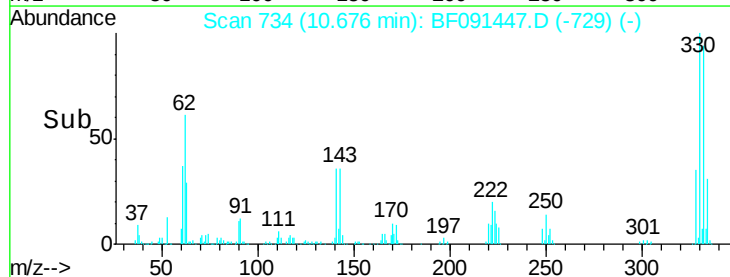
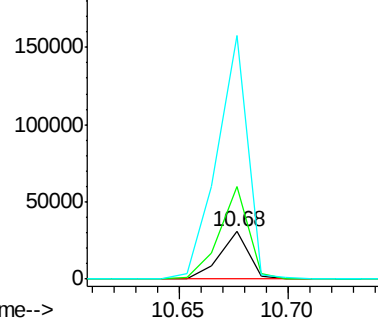


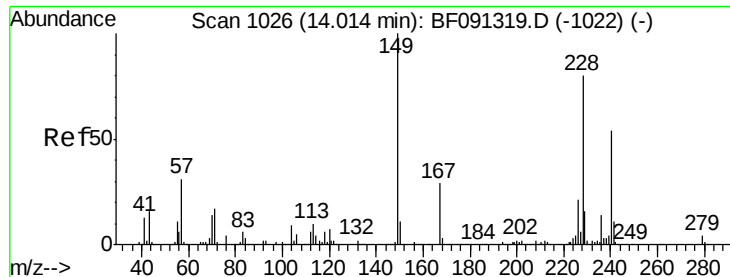
#66
4-Bromophenyl-phenylether
Concen: 5.64 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.24 min
Lab File: BF091447.D
Acq: 6 Dec 2016 6:29

Tgt Ion:248 Resp: 28027
Ion Ratio Lower Upper
248 100
250 194.8 78.2 117.4#
141 515.3 71.9 107.9#



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: 14.00 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

Instrument :

BNA_F

ClientSampleId :

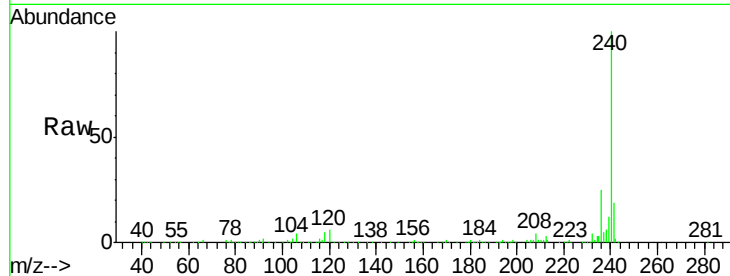
Tgt Ion:240 Resp: 409787

Ion Ratio Lower Upper

240 100

120 6.0 12.1 18.1#

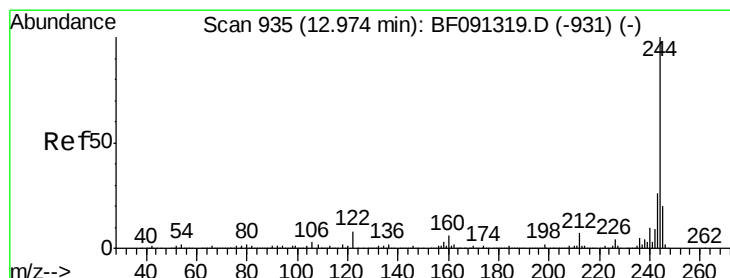
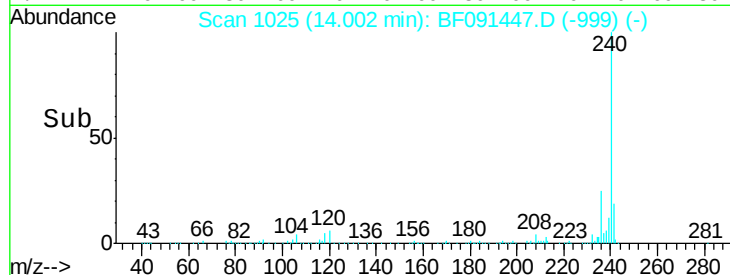
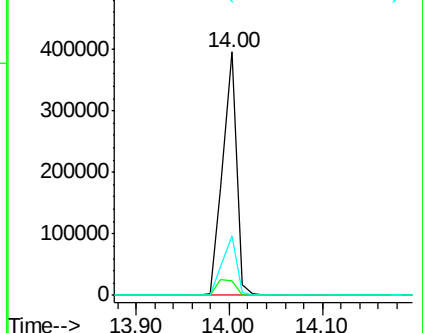
236 24.5 21.0 31.6



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: 103.43 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091447.D

Acq: 6 Dec 2016 6:29

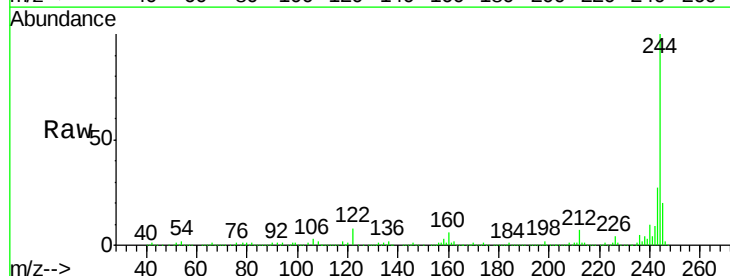
Tgt Ion:244 Resp: 1950070

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

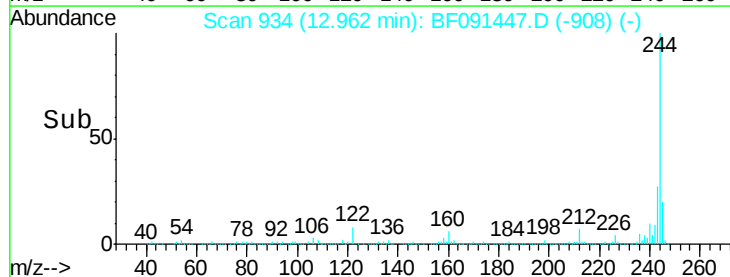
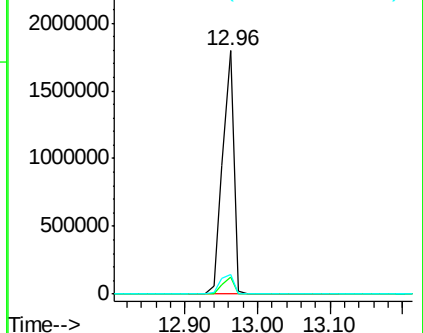
122 7.9 9.5 14.3#

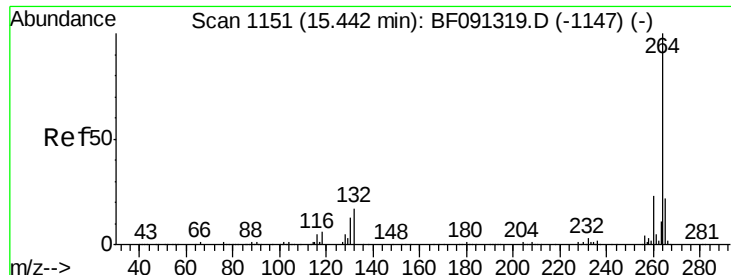


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

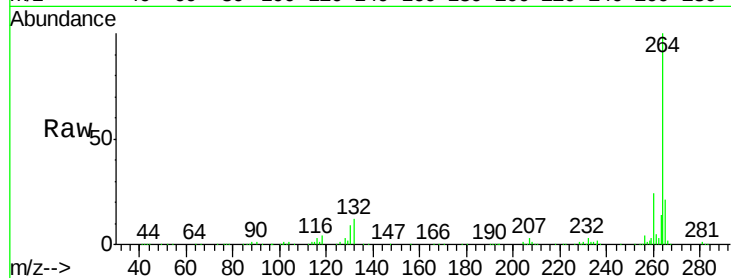




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091447.D
Acq: 6 Dec 2016 6:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 264 Resp: 316801
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.1 17.0 25.6



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

