

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091433.D
 Acq On : 5 Dec 2016 22:18
 Operator : UM/SJ
 Sample : H5838-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB120216

Quant Time: Dec 06 00:09:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

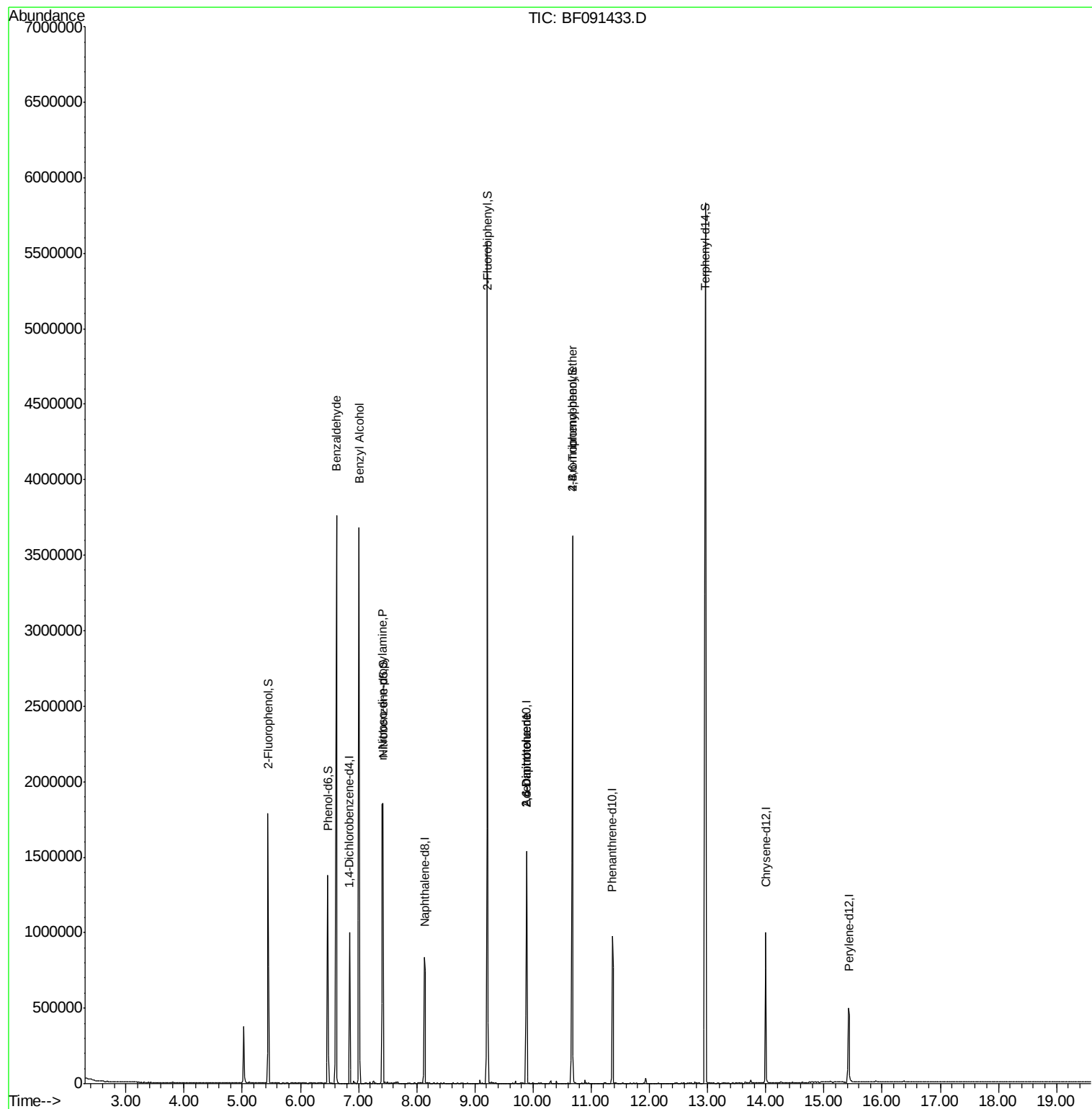
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129898	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	549558	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	350742	20.00	ng	-0.03
63) Phenanthrene-d10	11.36	188	518521	20.00	ng	-0.04
75) Chrysene-d12	14.00	240	489014	20.00	ng	-0.04
86) Perylene-d12	15.43	264	308507	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	491848	61.86	ng	-0.03
7) Phenol-d6	6.47	99	375785	38.39	ng	-0.03
23) Nitrobenzene-d5	7.42	82	948150	96.69	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	453774	136.66	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1768806	91.31	ng	-0.03
78) Terphenyl-d14	12.96	244	2211303	98.28	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.62	77	27193	4.32	ng	Qvalue 93
15) Benzyl Alcohol	7.01	79	16230	2.07	ng	# 39
19) n-Nitroso-di-n-propylamine	7.41	70	127475	20.67	ng	# 73
50) 2,6-Dinitrotoluene	9.89	165	45933	9.68	ng	# 16
56) 2,4-Dinitrotoluene	9.89	165	45936	7.46	ng	# 33
66) 4-Bromophenyl-phenylether	10.68	248	30413	5.46	ng	# 1

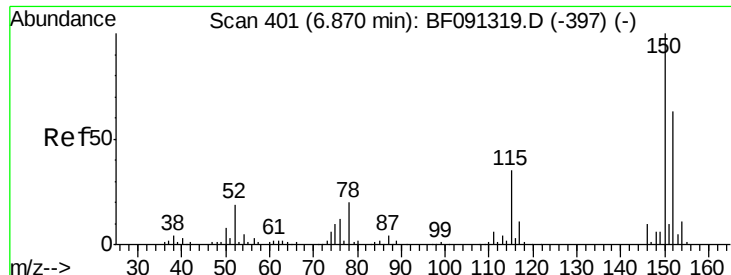
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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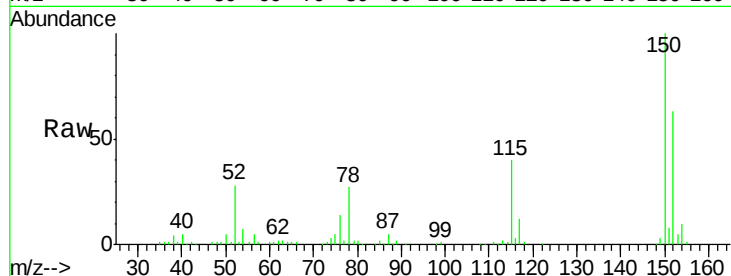




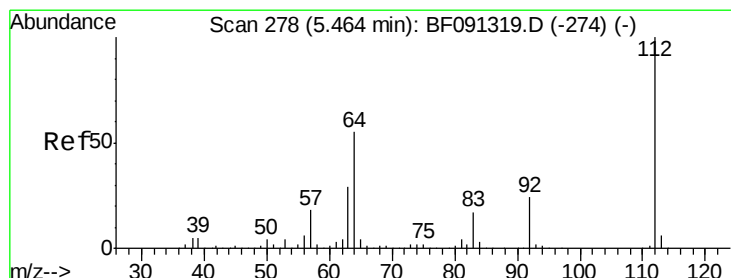
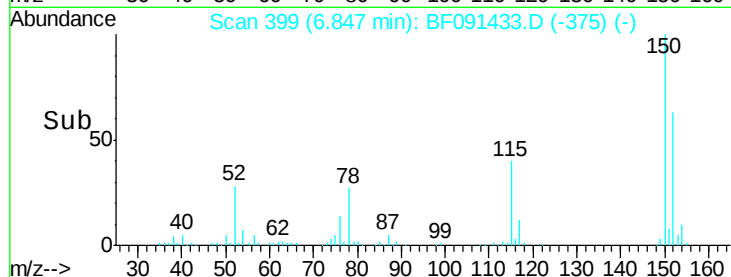
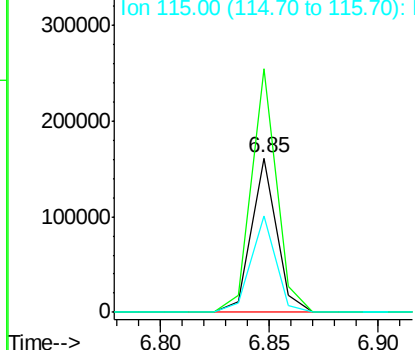
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.03 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :
 FB120216

Tgt Ion:152 Resp: 129898
 Ion Ratio Lower Upper
 152 100
 150 158.1 122.5 183.7
 115 62.8 51.8 77.8

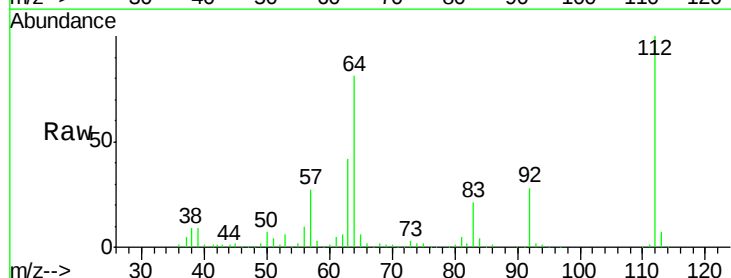


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

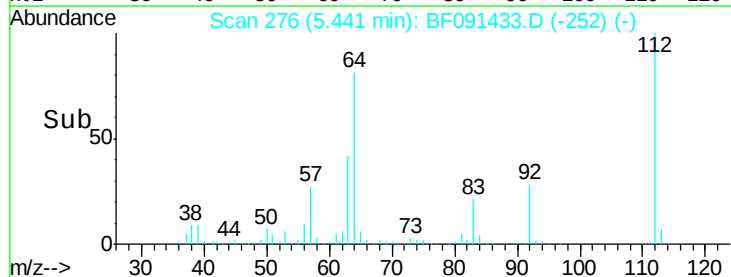
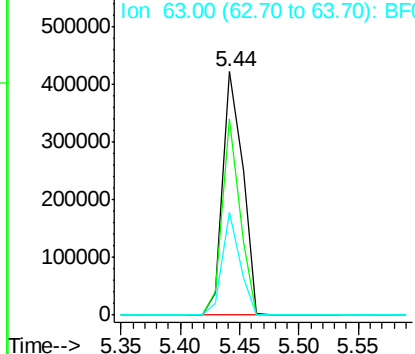


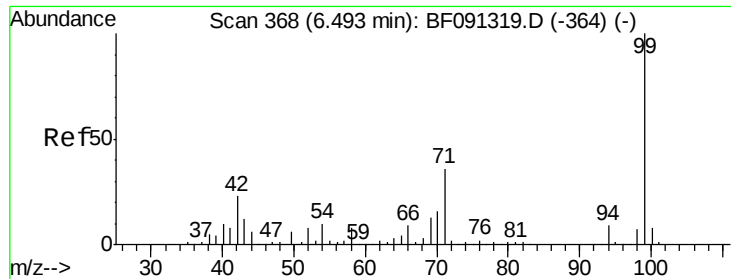
#5
 2-Fluorophenol
 Concen: 61.86 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.03 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Tgt Ion:112 Resp: 491848
 Ion Ratio Lower Upper
 112 100
 64 80.7 61.5 92.3
 63 42.5 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: 38.39 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

Instrument :

BNA_F

ClientSampleId :

FB120216

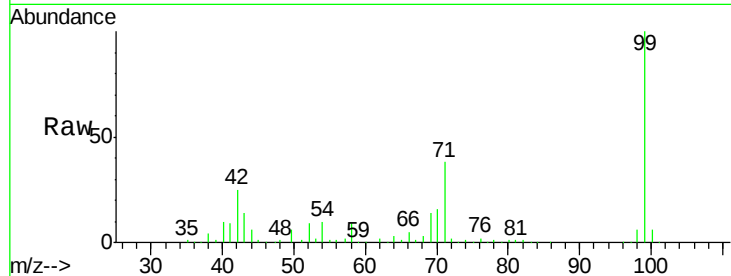
Tgt Ion: 99 Resp: 375785

Ion Ratio Lower Upper

99 100

42 25.4 20.6 31.0

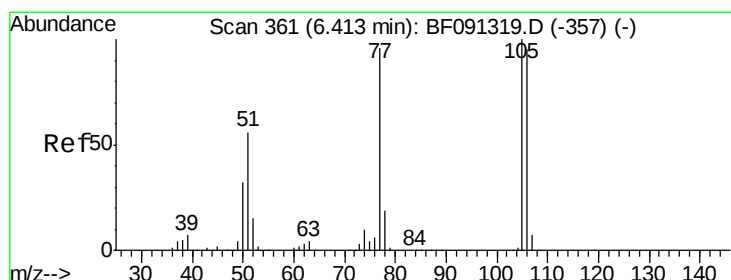
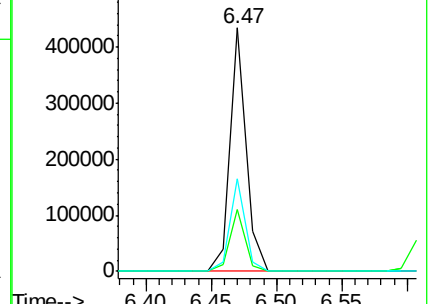
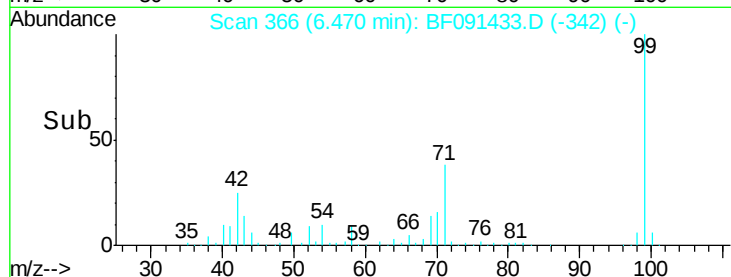
71 37.8 29.9 44.9



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



#9

Benzaldehyde

Concen: 4.32 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.20 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

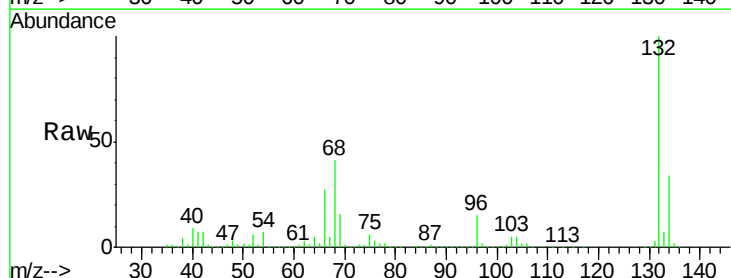
Tgt Ion: 77 Resp: 27193

Ion Ratio Lower Upper

77 100

105 80.9 66.4 106.4

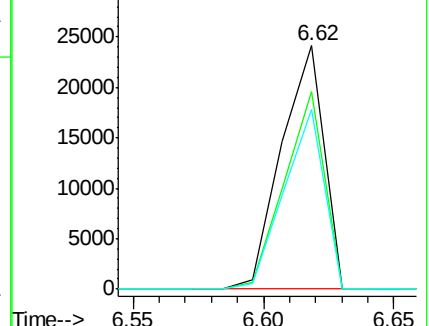
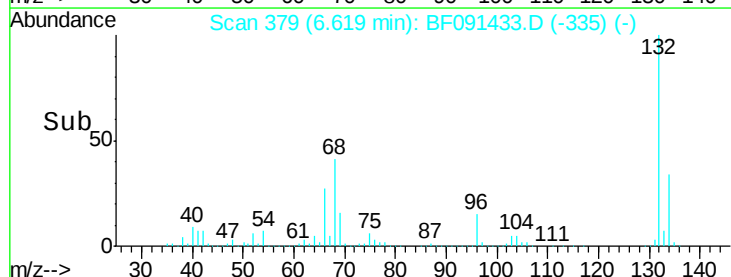
106 73.6 60.9 100.9

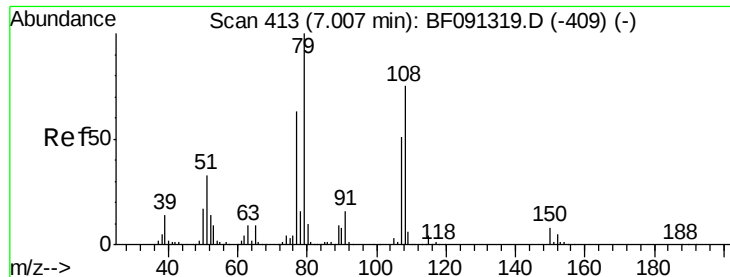


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

Instrument :

BNA_F

ClientSampleId :

FB120216

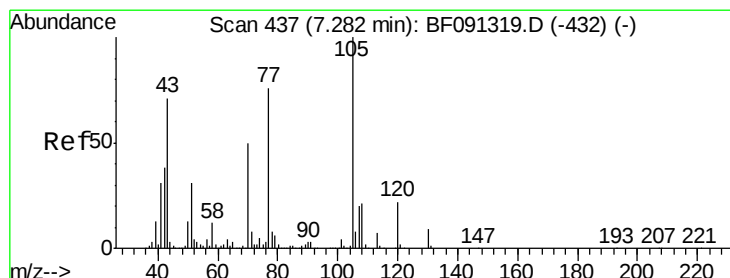
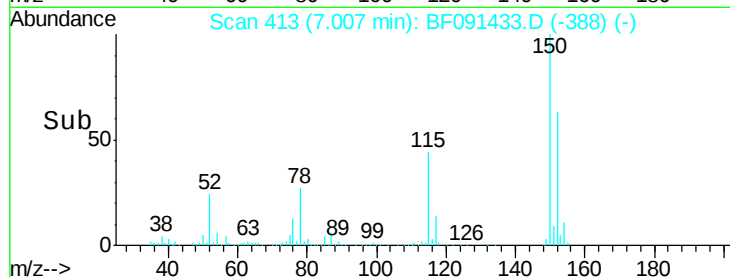
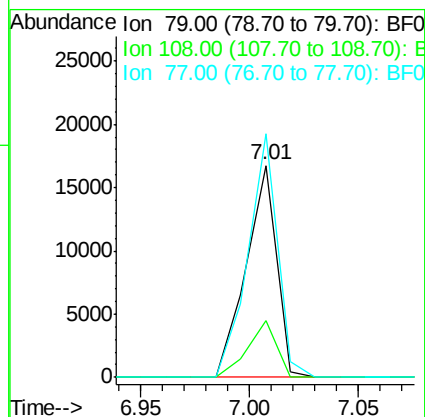
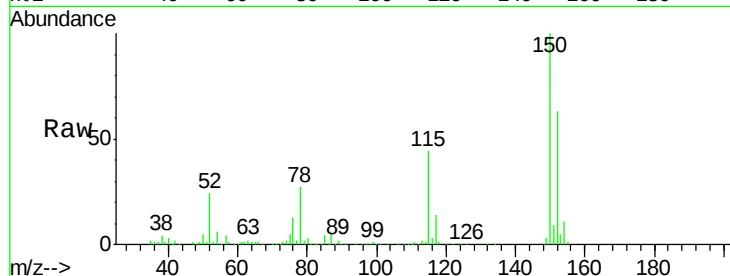
Tgt Ion: 79 Resp: 16230

Ion Ratio Lower Upper

79 100

108 27.0 62.7 94.1#

77 114.8 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 20.67 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.11 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

Tgt Ion: 70 Resp: 127475

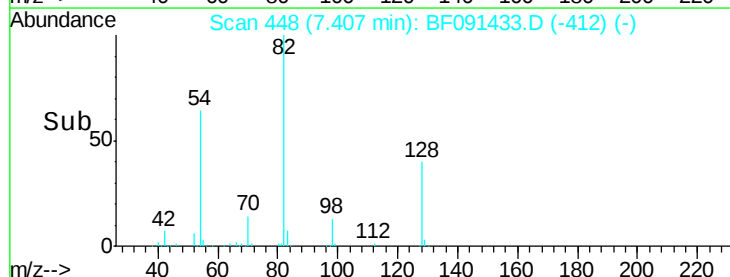
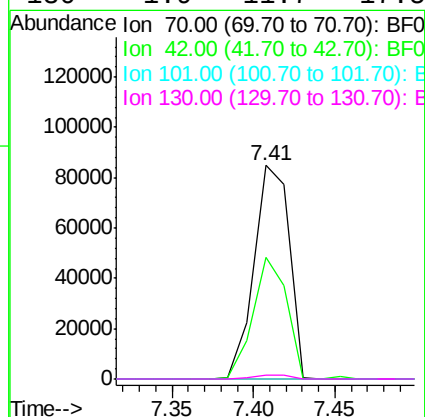
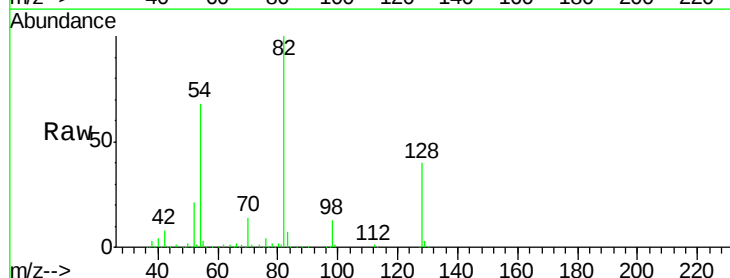
Ion Ratio Lower Upper

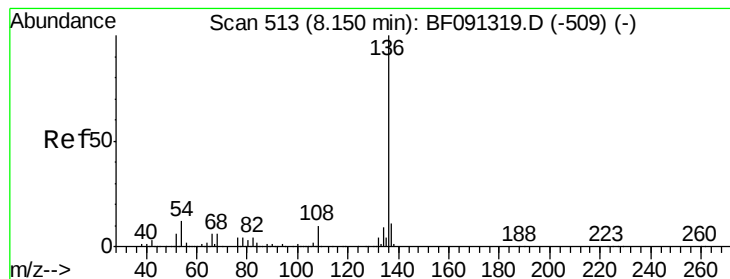
70 100

42 56.8 64.8 97.2#

101 0.0 6.2 9.4#

130 1.9 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

Instrument :

BNA_F

ClientSampleId :

FB120216

Tgt Ion: 136 Resp: 549558

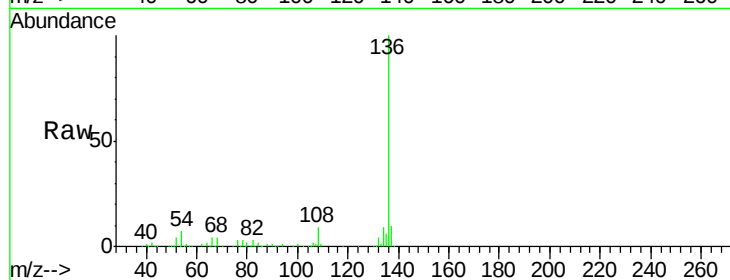
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 7.4 9.1 13.7#

68 3.5 5.9 8.9#

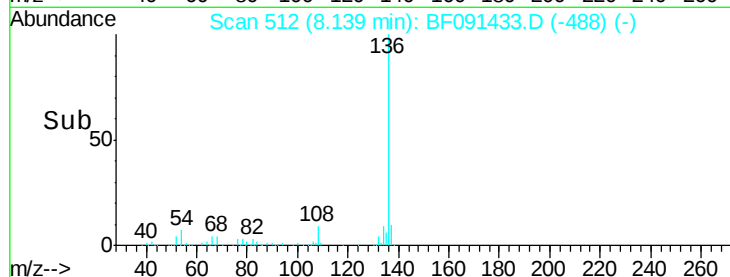


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->

8.14

400000

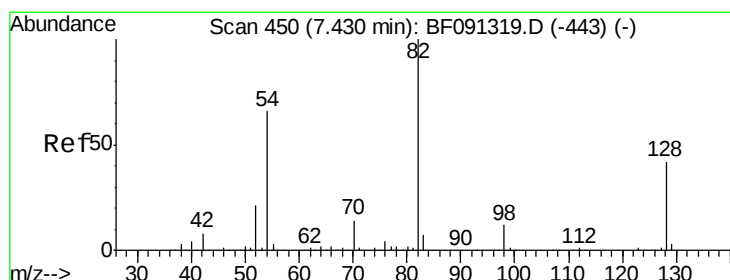
300000

200000

100000

0

8.10 8.20



#23

Nitrobenzene-d5

Concen: 96.69 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

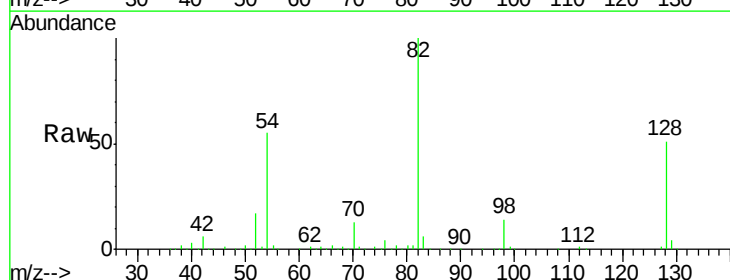
Tgt Ion: 82 Resp: 948150

Ion Ratio Lower Upper

82 100

128 51.4 31.8 47.6#

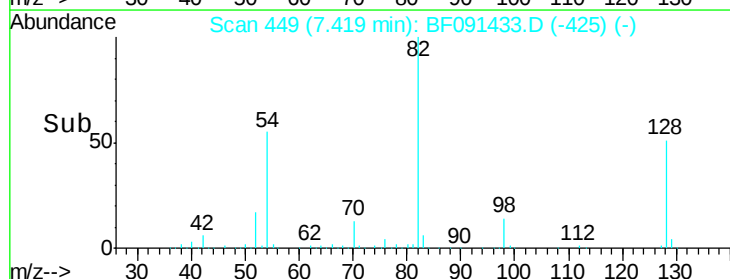
54 55.2 49.1 73.7



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



Time-->

7.42

800000

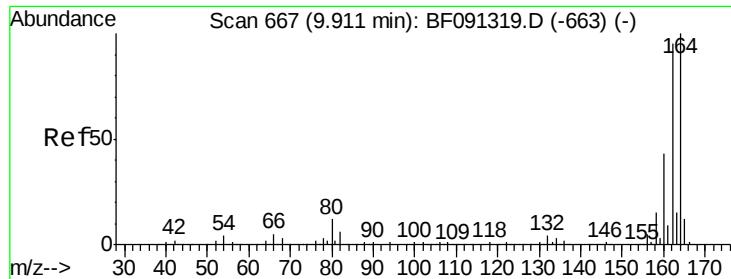
600000

400000

200000

0

7.30 7.40 7.50



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

Instrument :

BNA_F

ClientSampleId :

FB120216

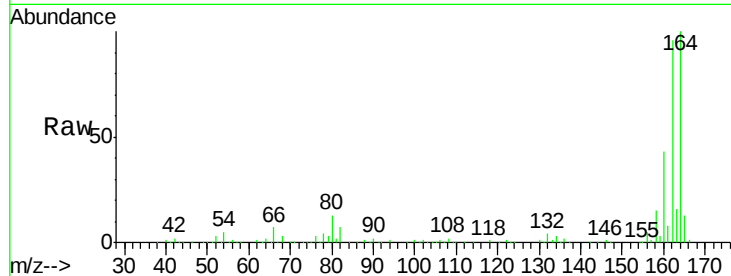
Tgt Ion:164 Resp: 350742

Ion Ratio Lower Upper

164 100

162 95.5 82.6 124.0

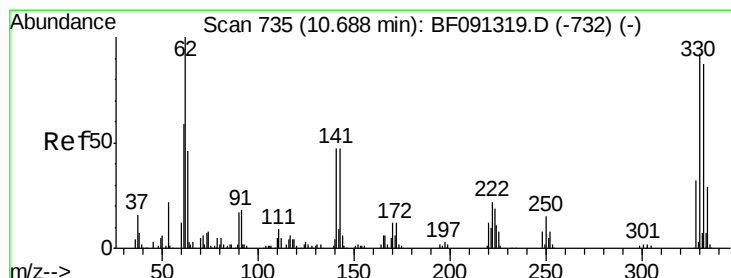
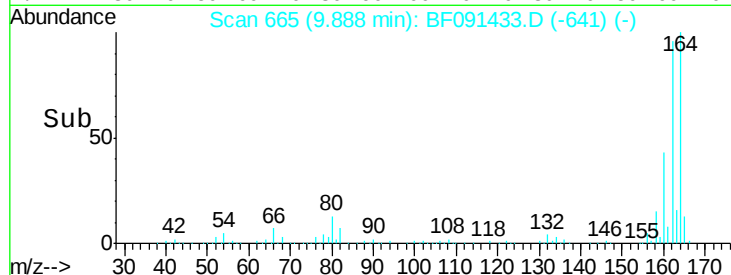
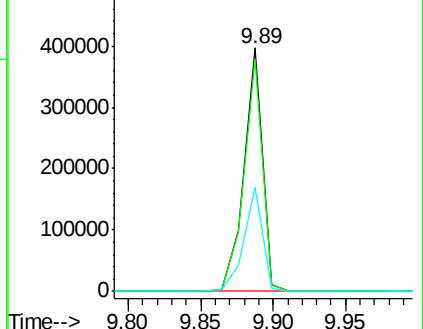
160 42.7 36.7 55.1



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: 136.66 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

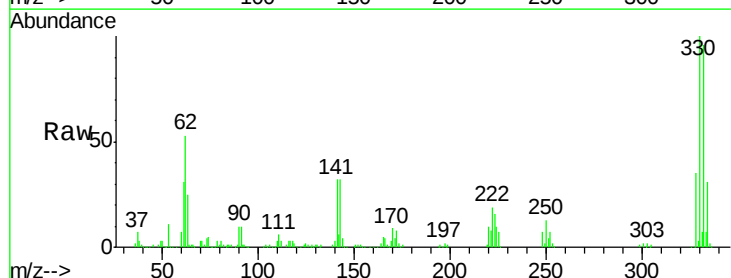
Tgt Ion:330 Resp: 453774

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

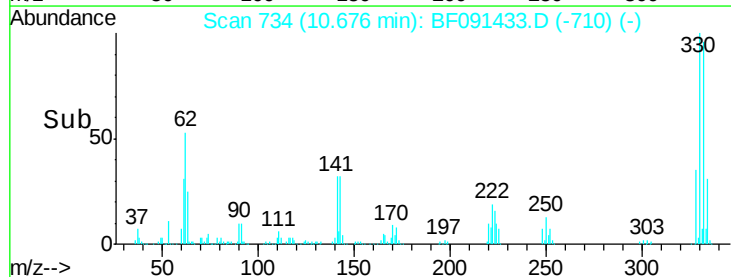
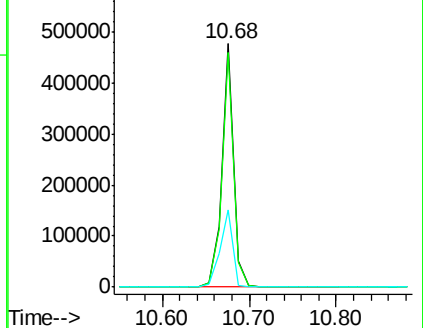
141 34.5 33.6 50.4

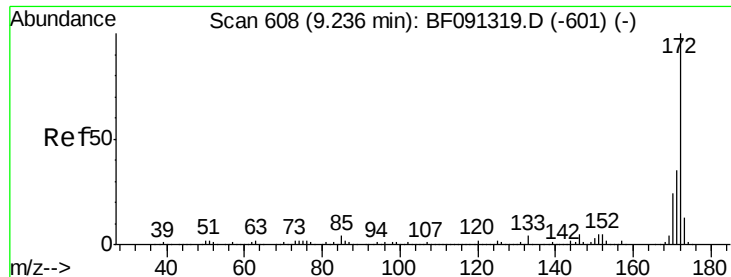


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

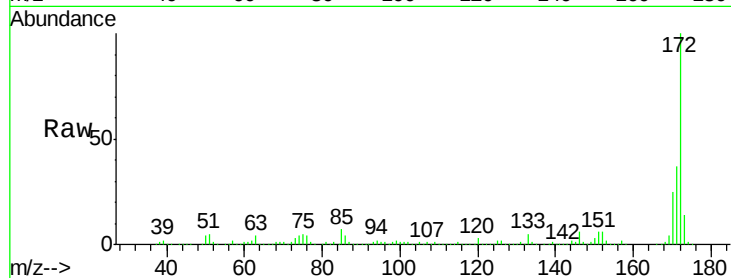




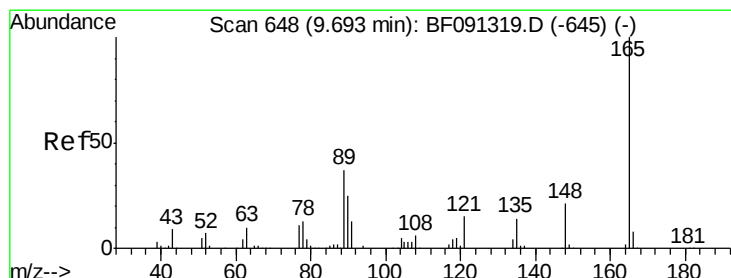
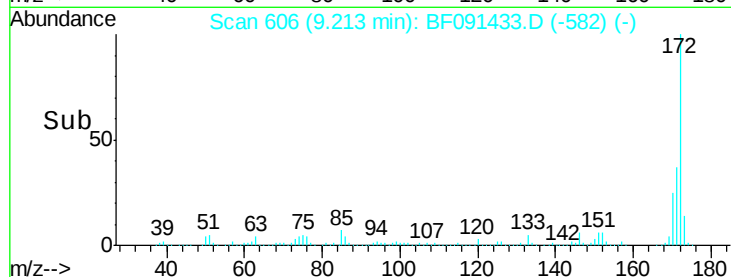
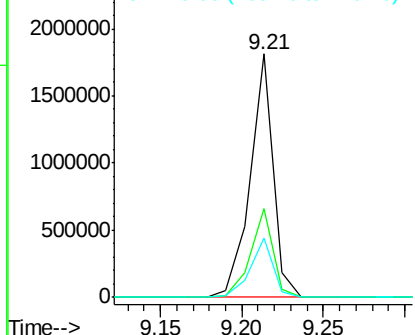
#44
 2-Fluorobiphenyl
 Concen: 91.31 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :
 FB120216

Tgt Ion:172 Resp: 1768806
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 19.7 29.5

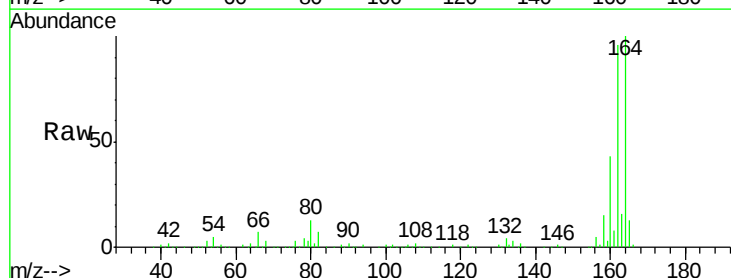


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

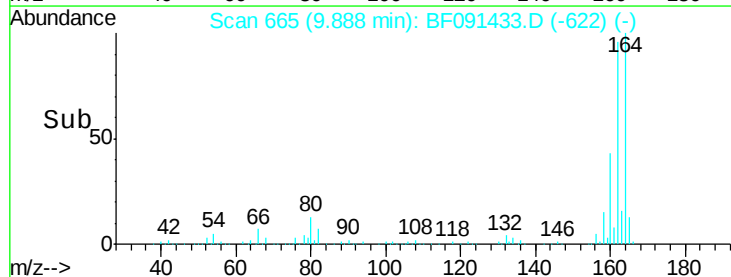
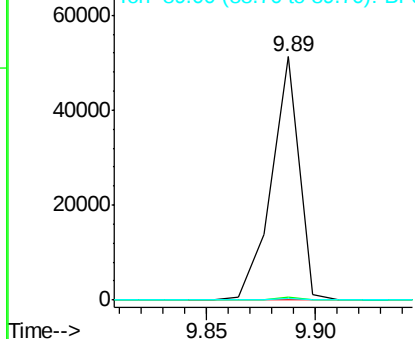


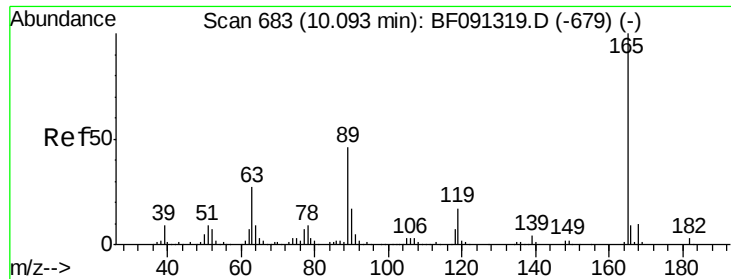
#50
 2,6-Dinitrotoluene
 Concen: 9.68 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.19 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Tgt Ion:165 Resp: 45933
 Ion Ratio Lower Upper
 165 100
 63 1.0 59.4 89.0#
 89 0.9 50.8 76.2#



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

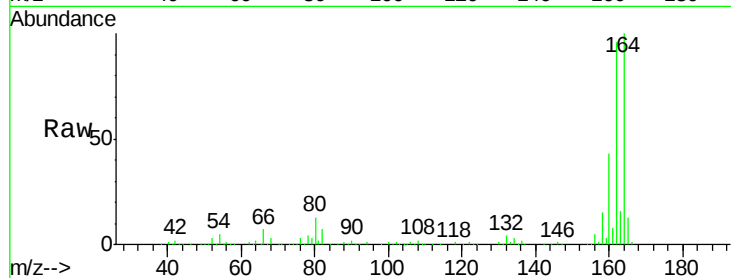




#56
2,4-Dinitrotoluene
Concen: 7.46 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF091433.D
Acq: 5 Dec 2016 22:18

Instrument :
BNA_F
ClientSampleId :
FB120216

Tgt Ion:	165	Resp:	45936
Ion Ratio	Lower	Upper	
165	100		
63	1.0	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#

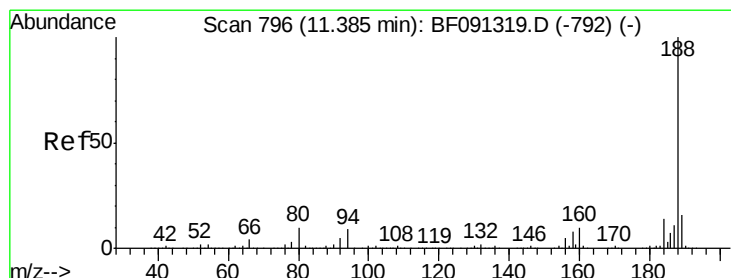
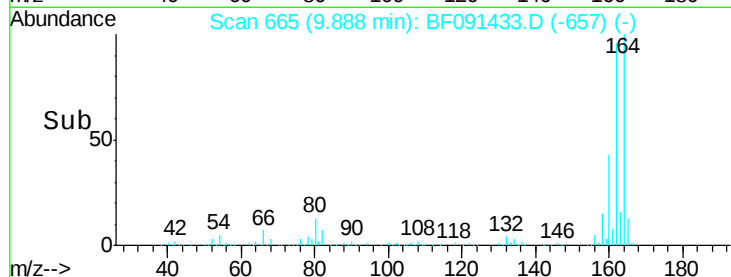
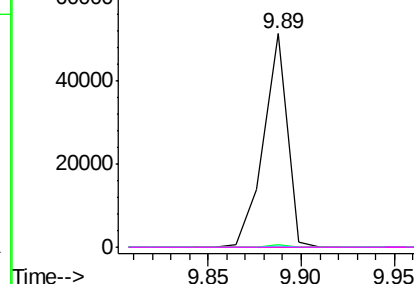


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

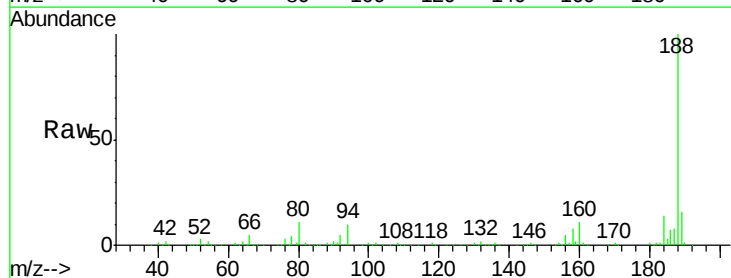
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.04 min
Lab File: BF091433.D
Acq: 5 Dec 2016 22:18

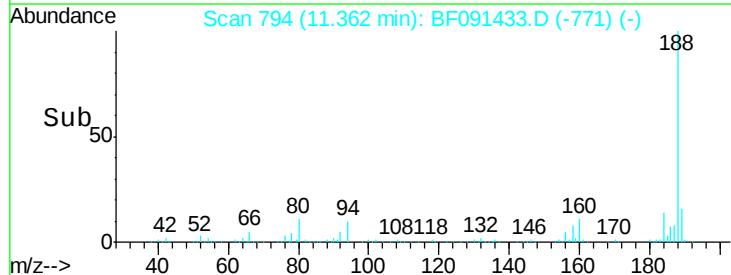
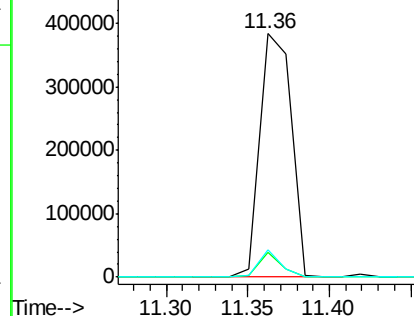
Tgt Ion:	188	Resp:	518521
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.2	13.8
80	11.3	10.5	15.7

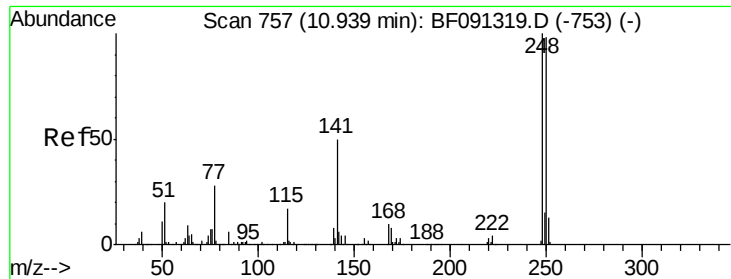


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.46 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.28 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

Instrument :

BNA_F

ClientSampleId :

FB120216

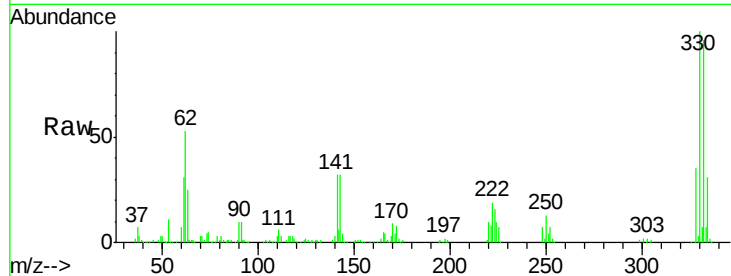
Tgt Ion:248 Resp: 30413

Ion Ratio Lower Upper

248 100

250 197.3 78.2 117.4#

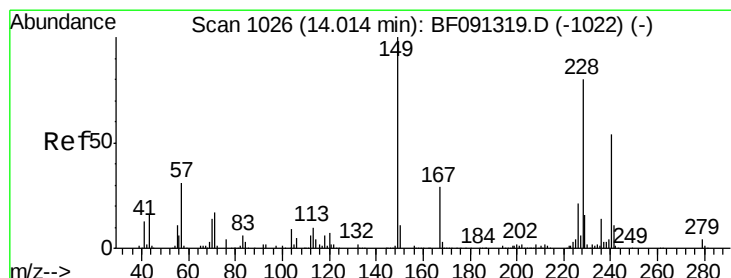
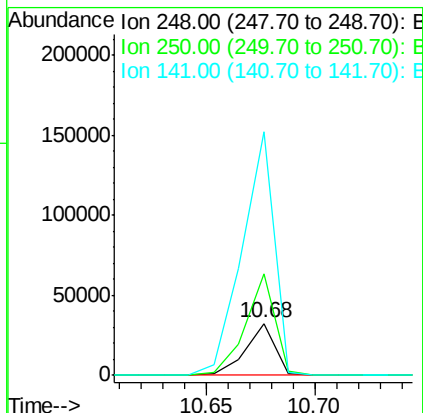
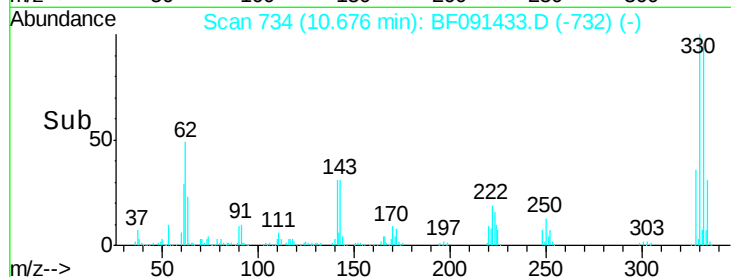
141 470.4 71.9 107.9#



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. -0.04 min

Lab File: BF091433.D

Acq: 5 Dec 2016 22:18

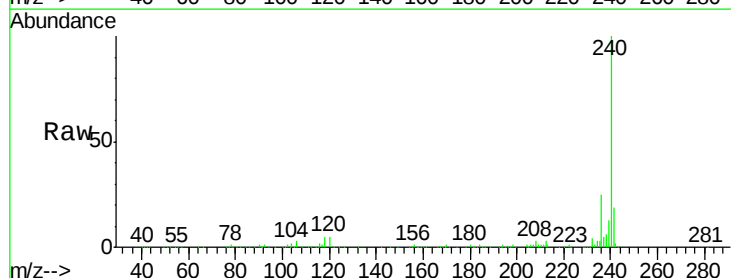
Tgt Ion:240 Resp: 489014

Ion Ratio Lower Upper

240 100

120 5.5 12.1 18.1#

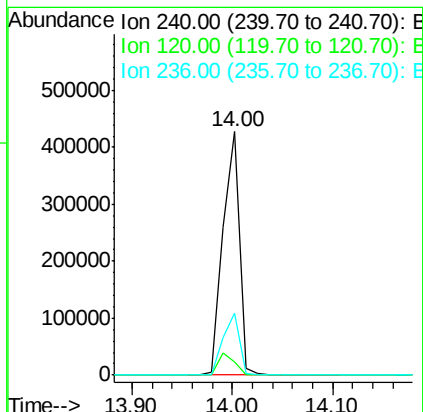
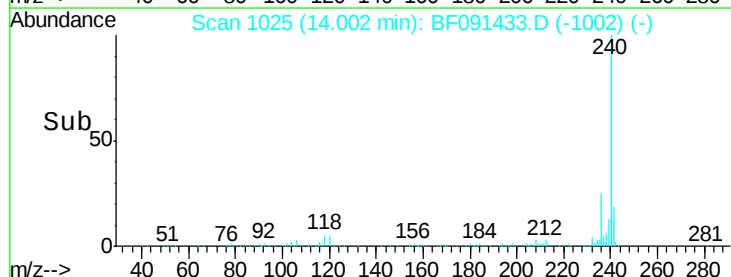
236 25.2 21.0 31.6

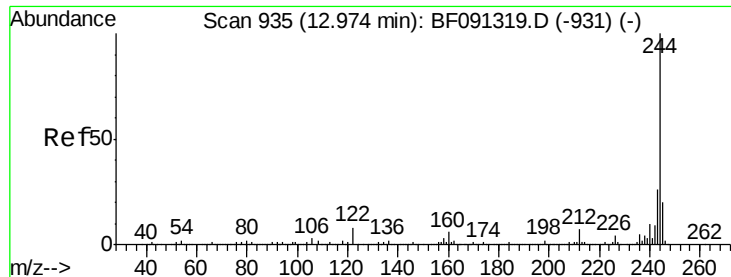


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

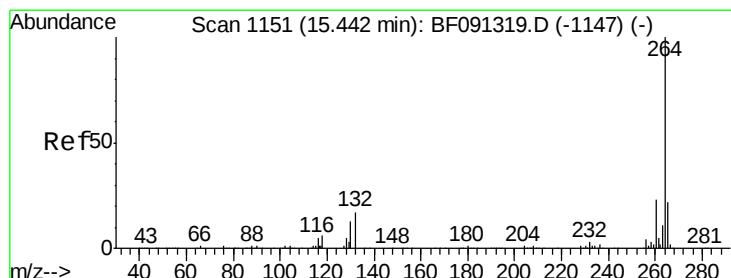
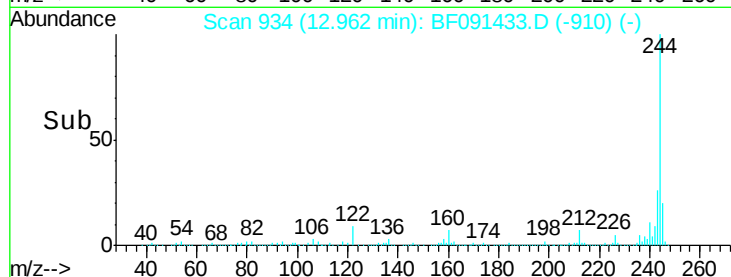
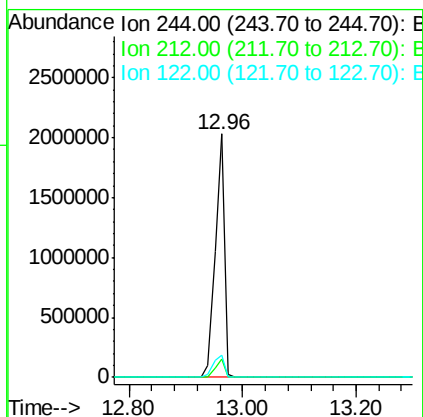
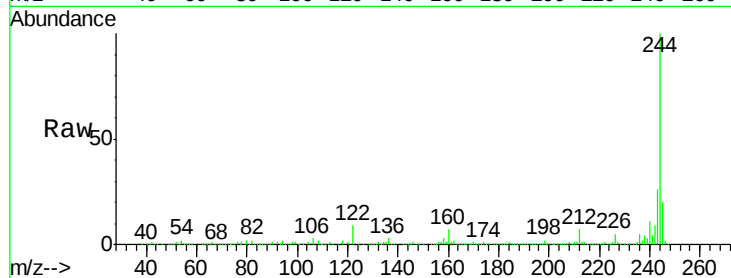




#78
 Terphenyl-d14
 Concen: 98.28 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Instrument :
 BNA_F
 ClientSampleId :
 FB120216

Tgt Ion:244 Resp: 2211303
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.1 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF091433.D
 Acq: 5 Dec 2016 22:18

Tgt Ion:264 Resp: 308507
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.8 28.2
 265 21.0 17.0 25.6

