

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091435.D
 Acq On : 5 Dec 2016 23:13
 Operator : UM/SJ
 Sample : H5802-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Dec 06 00:10:22 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

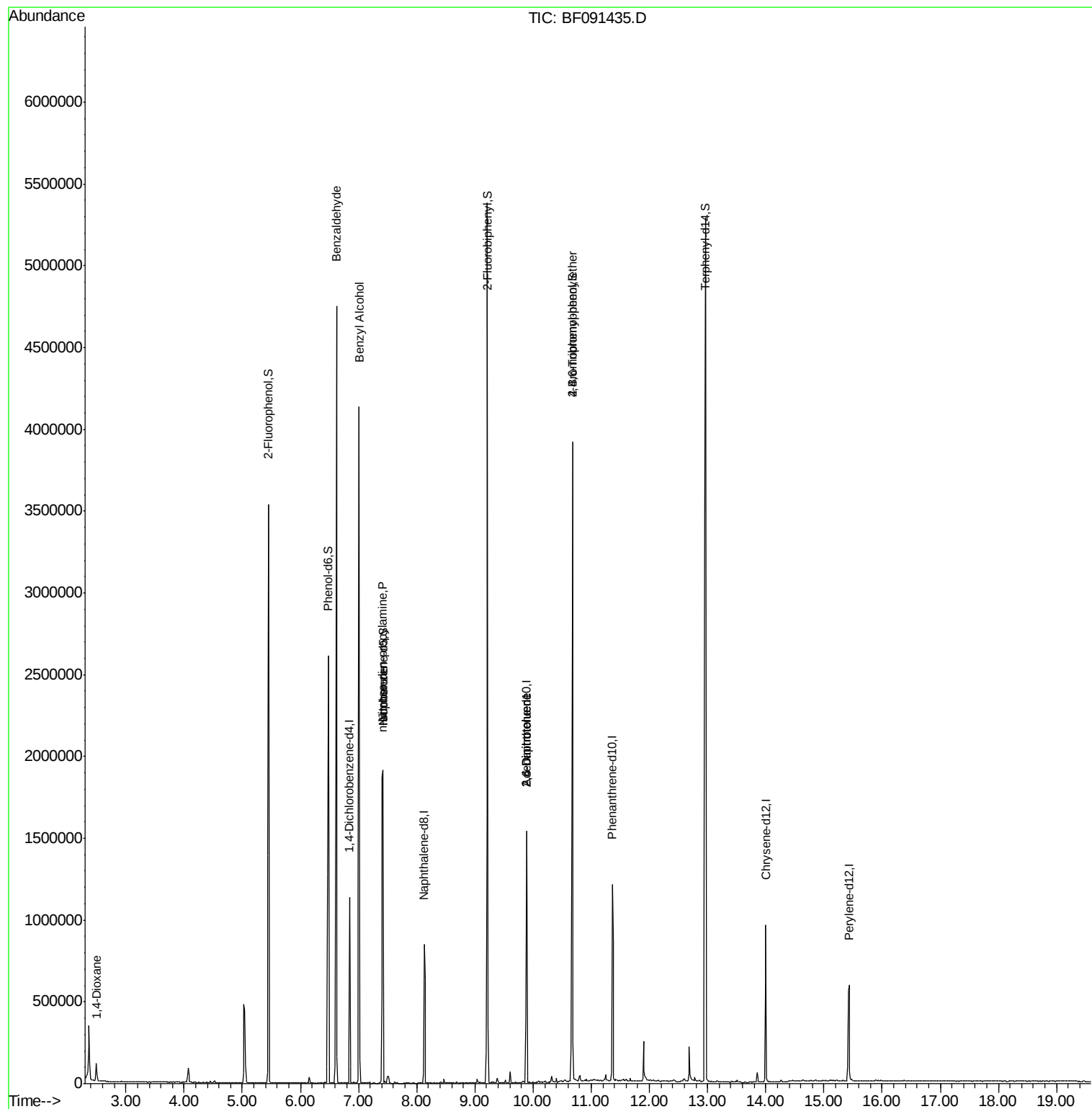
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	148810	20.00	ng	-0.03
21) Naphthalene-d8	8.13	136	514779	20.00	ng	-0.04
38) Acenaphthene-d10	9.89	164	339033	20.00	ng	-0.03
63) Phenanthrene-d10	11.36	188	595867	20.00	ng	-0.04
75) Chrysene-d12	14.00	240	441310	20.00	ng	-0.04
86) Perylene-d12	15.43	264	355007	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	868315	95.32	ng	-0.02
7) Phenol-d6	6.48	99	889770	79.35	ng	-0.02
23) Nitrobenzene-d5	7.42	82	968562	105.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	485796	151.35	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1707497	91.19	ng	-0.03
78) Terphenyl-d14	12.96	244	2140788	105.44	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	51722	12.55	ng	87
9) Benzaldehyde	6.62	77	32013	4.44	ng	86
15) Benzyl Alcohol	7.01	79	18627	2.08	ng	# 39
19) n-Nitroso-di-n-propylamine	7.41	70	131004	18.54	ng	# 73
25) Isophorone	7.42	82	842320	51.76	ng	# 67
50) 2,6-Dinitrotoluene	9.89	165	43495	9.48	ng	# 16
56) 2,4-Dinitrotoluene	9.89	165	43498	7.31	ng	# 33
66) 4-Bromophenyl-phenylether	10.68	248	33127	5.17	ng	# 1

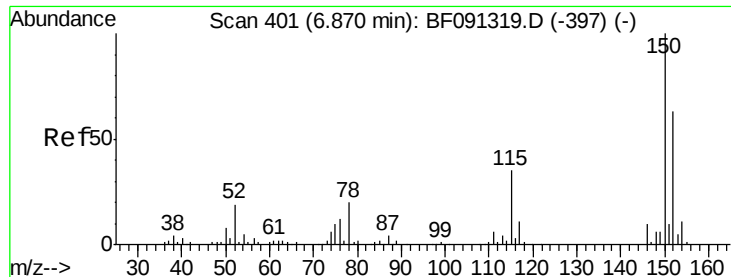
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
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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: BF091435.D

Acq: 5 Dec 2016 23:13

Instrument :

BNA_F

ClientSampleId :

MW-02

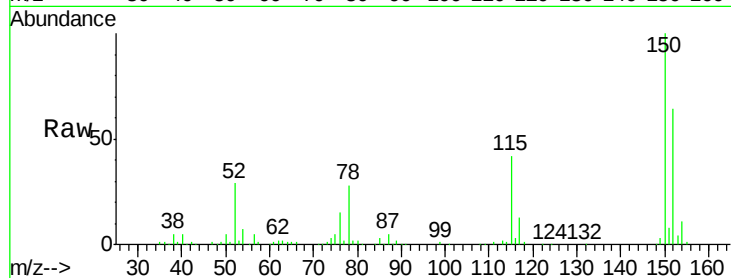
Tgt Ion:152 Resp: 148810

Ion Ratio Lower Upper

152 100

150 156.6 122.5 183.7

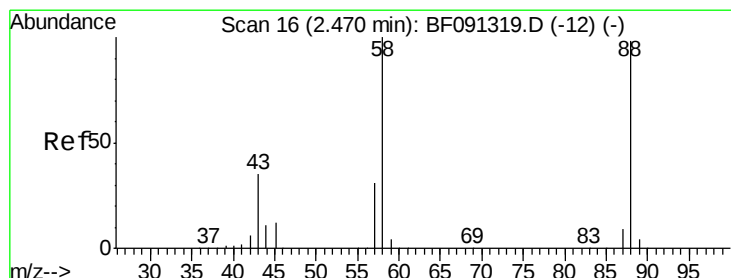
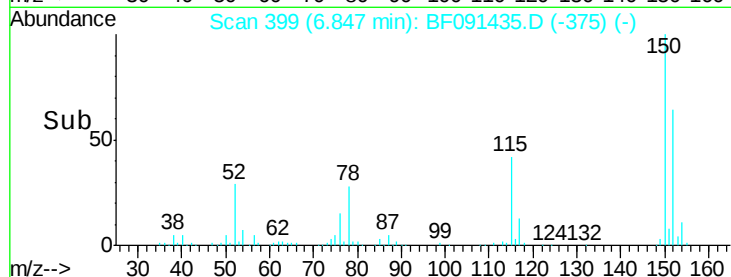
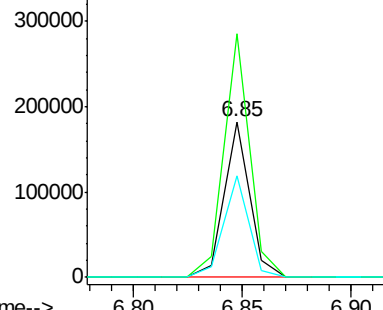
115 65.1 51.8 77.8



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



#2

1,4-Dioxane

Concen: 12.55 ng

RT: 2.49 min Scan# 18

Delta R.T. -0.01 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

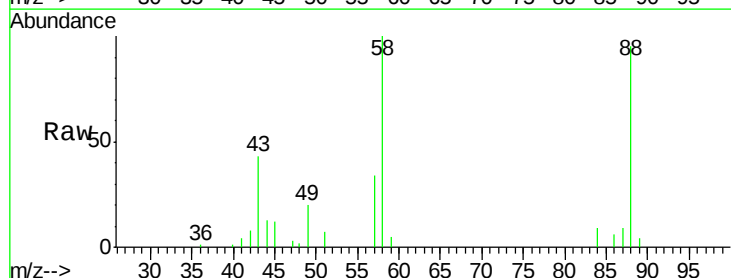
Tgt Ion: 88 Resp: 51722

Ion Ratio Lower Upper

88 100

58 101.7 70.3 105.5

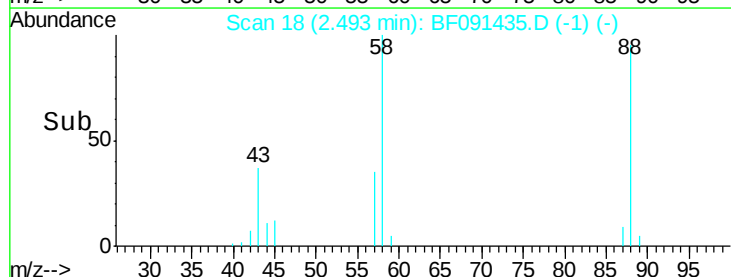
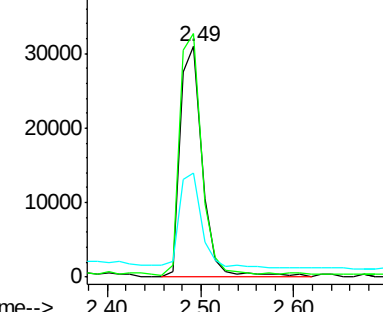
43 45.2 31.3 46.9

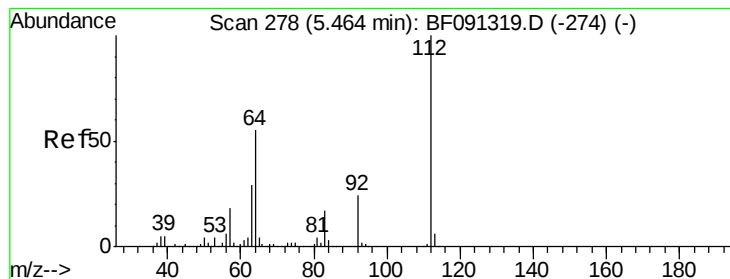


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 95.32 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

Instrument :

BNA_F

ClientSampled :

MW-02

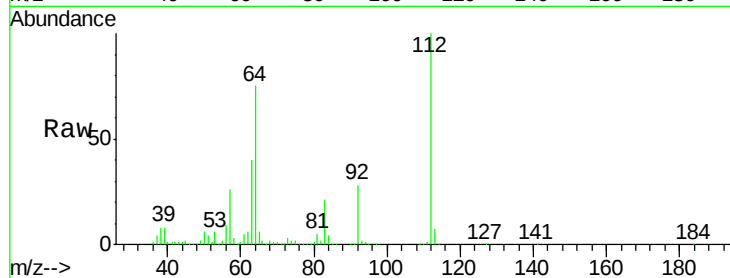
Tgt Ion: 112 Resp: 868315

Ion Ratio Lower Upper

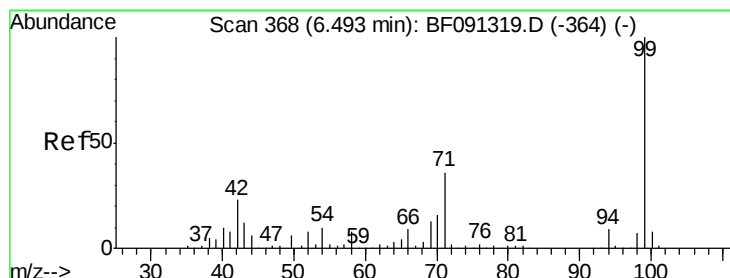
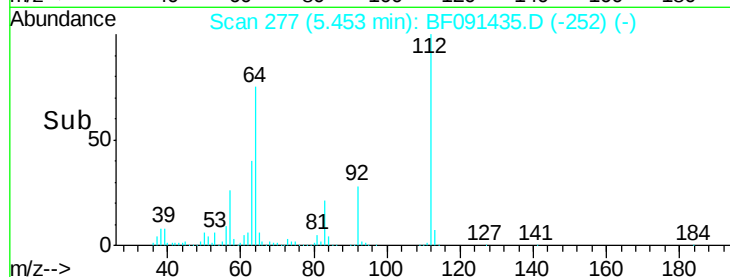
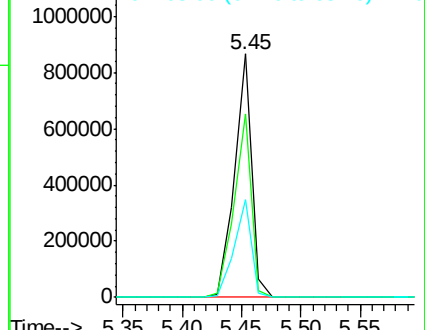
112 100

64 75.4 61.5 92.3

63 40.2 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 79.35 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

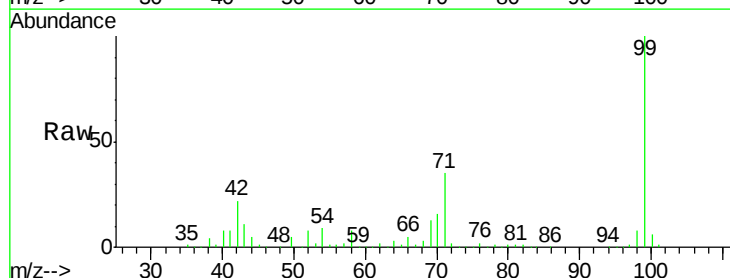
Tgt Ion: 99 Resp: 889770

Ion Ratio Lower Upper

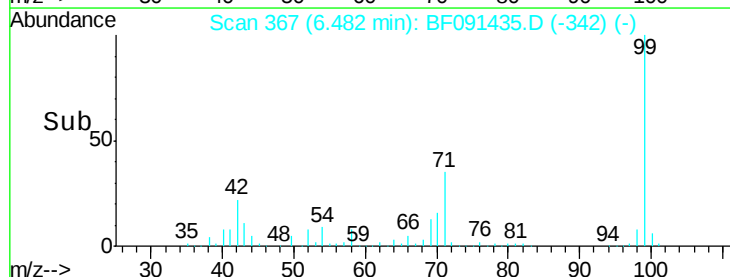
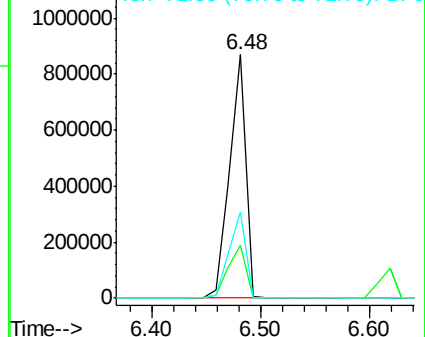
99 100

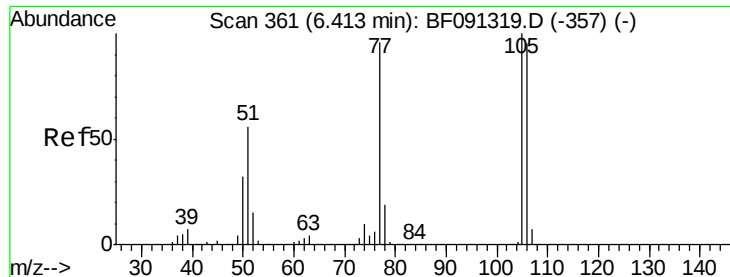
42 21.6 20.6 31.0

71 35.2 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: 4.44 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.20 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

Instrument :

BNA_F

ClientSampleId :

MW-02

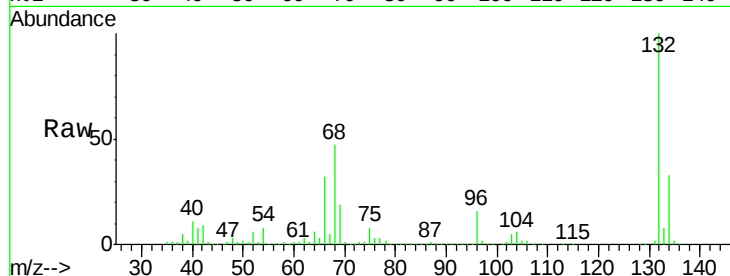
Tgt Ion: 77 Resp: 32013

Ion Ratio Lower Upper

77 100

105 75.5 66.4 106.4

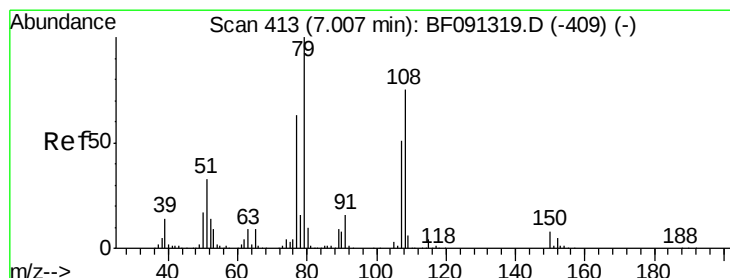
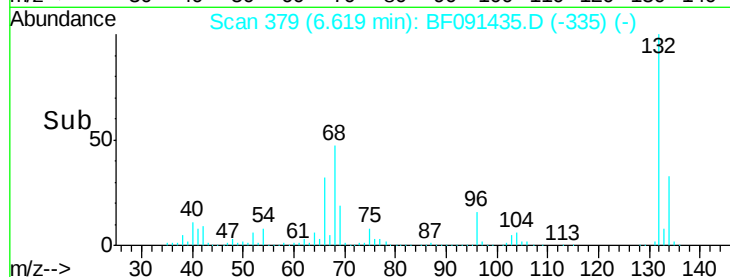
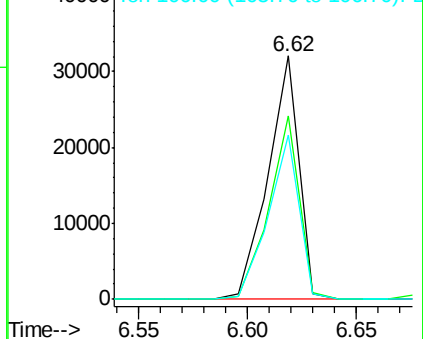
106 67.2 60.9 100.9



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: 2.08 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

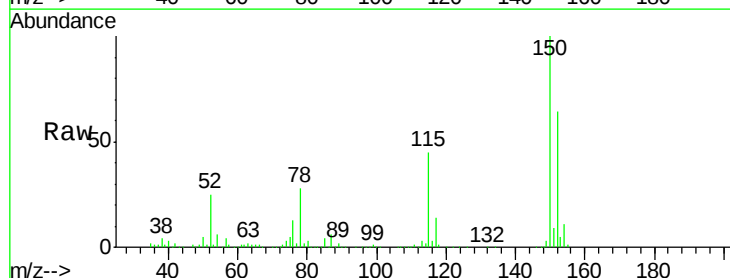
Tgt Ion: 79 Resp: 18627

Ion Ratio Lower Upper

79 100

108 26.0 62.7 94.1#

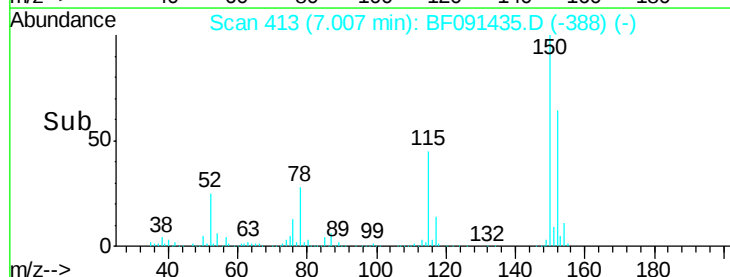
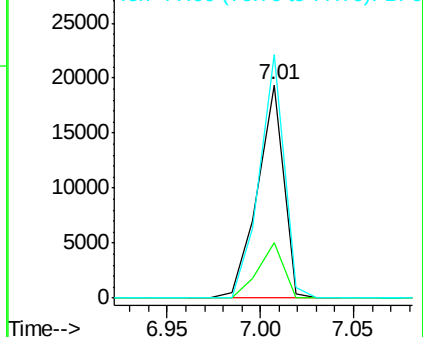
77 114.3 51.7 77.5#

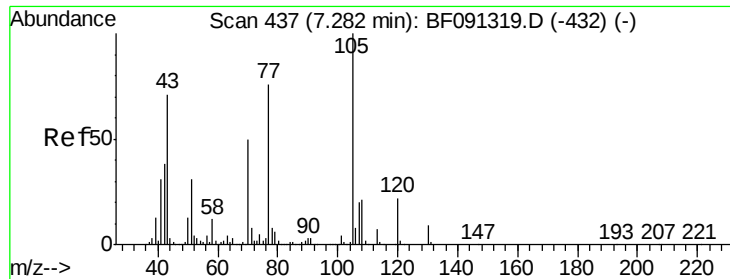


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

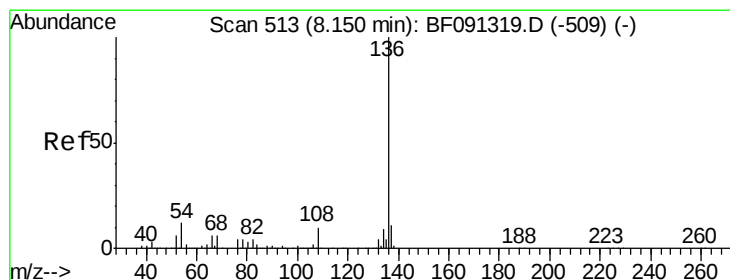
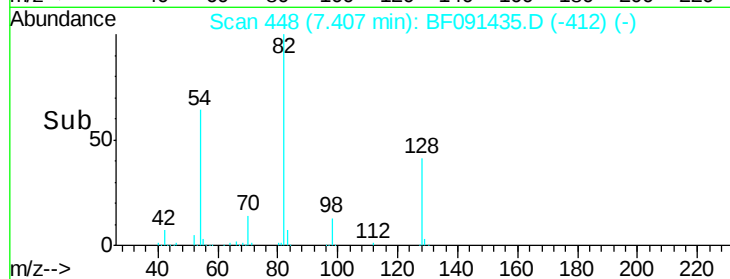
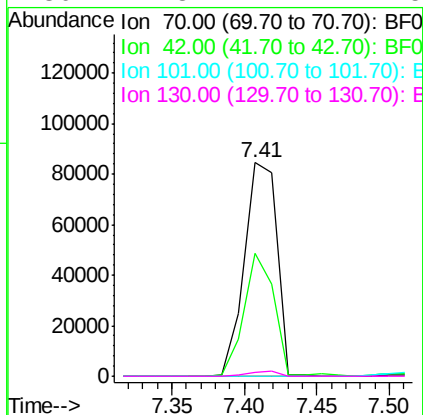
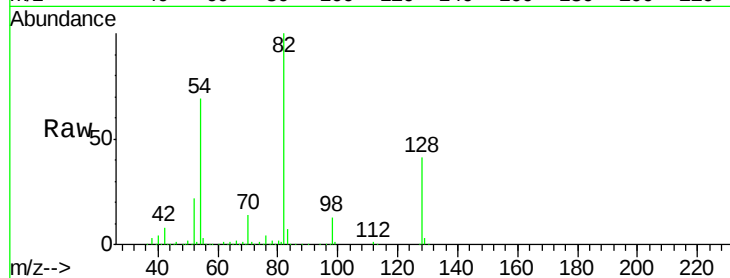




#19
n-Nitroso-di-n-propylamine
Concen: 18.54 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.11 min
Lab File: BF091435.D
Acq: 5 Dec 2016 23:13

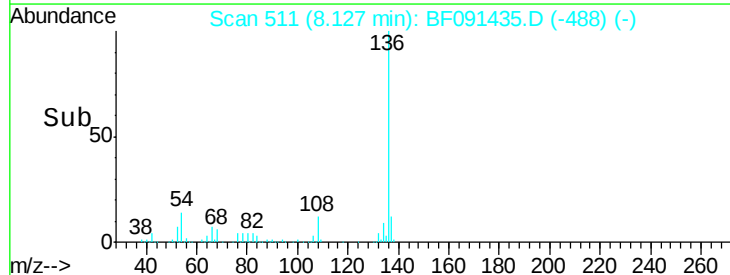
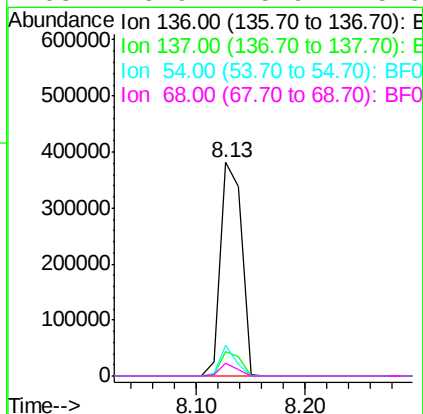
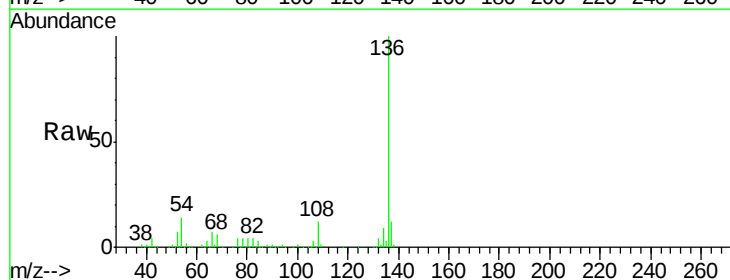
Instrument :
BNA_F
ClientSampleId :
MW-02

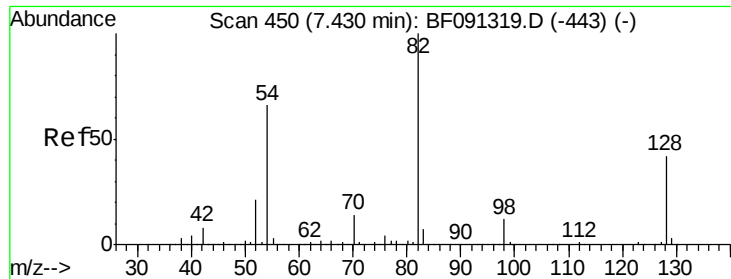
Tgt Ion: 70 Resp: 131004
Ion Ratio Lower Upper
70 100
42 57.4 64.8 97.2#
101 0.0 6.2 9.4#
130 1.8 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091435.D
Acq: 5 Dec 2016 23:13

Tgt Ion: 136 Resp: 514779
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 14.1 9.1 13.7#
68 5.9 5.9 8.9

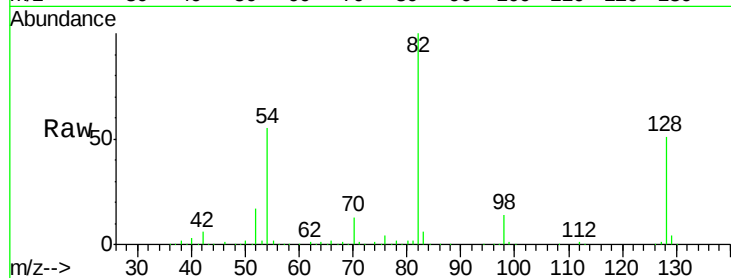




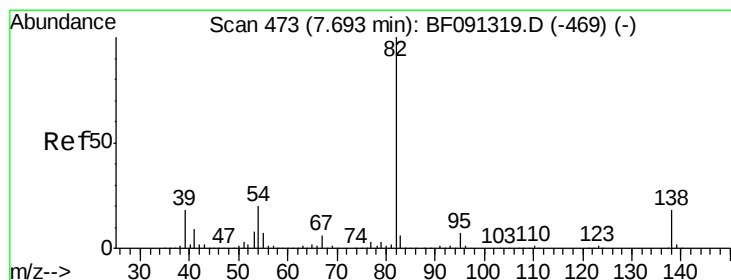
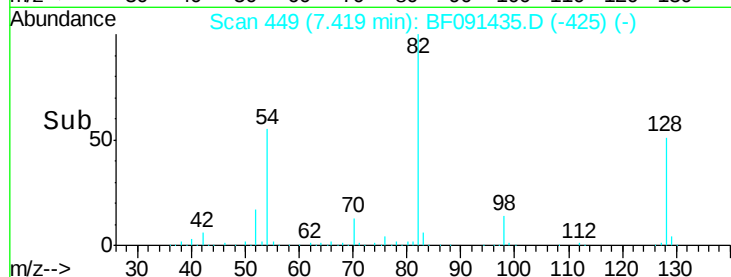
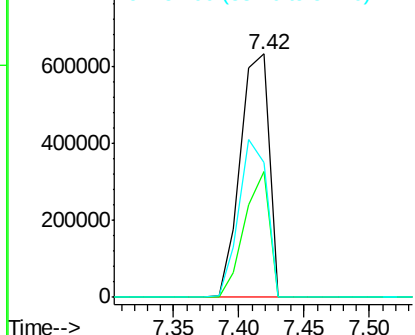
#23
 Nitrobenzene-d5
 Concen: 105.44 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.03 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion: 82 Resp: 968562
 Ion Ratio Lower Upper
 82 100
 128 51.5 31.8 47.6#
 54 55.3 49.1 73.7

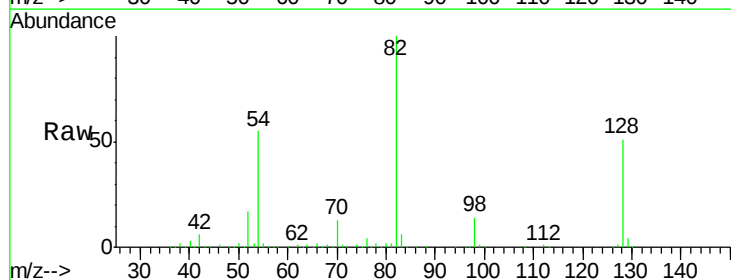


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

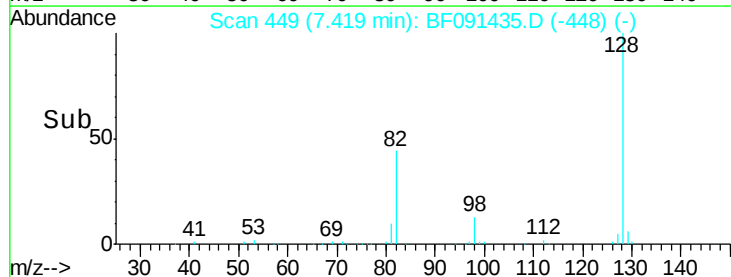
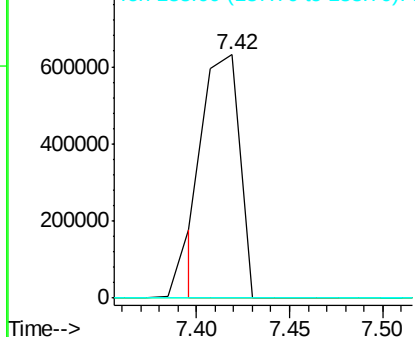


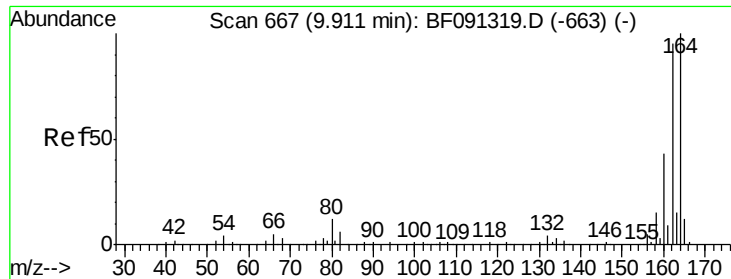
#25
 Isophorone
 Concen: 51.76 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.29 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Tgt Ion: 82 Resp: 842320
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.4 20.0#



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: 9.89 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

Instrument :

BNA_F

ClientSampleId :

MW-02

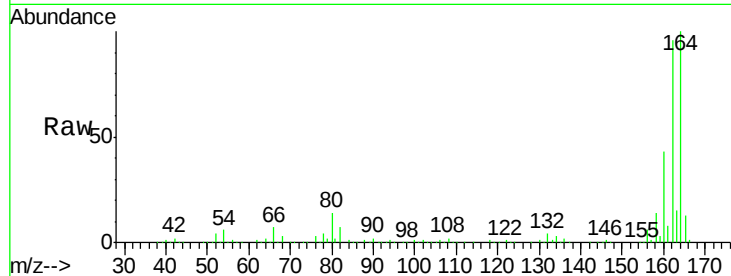
Tgt Ion:164 Resp: 339033

Ion Ratio Lower Upper

164 100

162 95.5 82.6 124.0

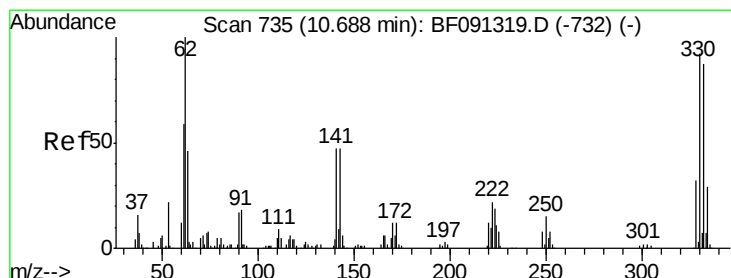
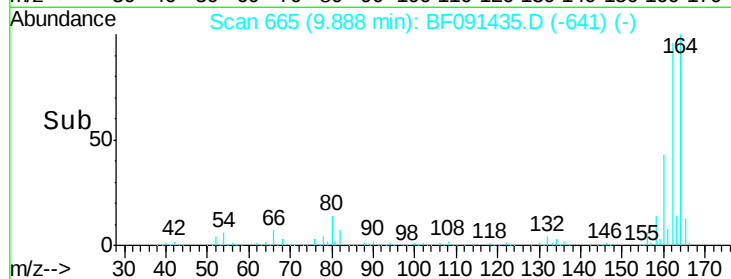
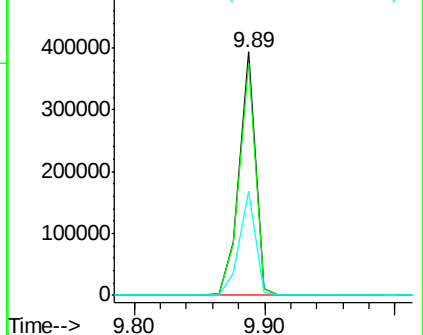
160 43.0 36.7 55.1



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: 151.35 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

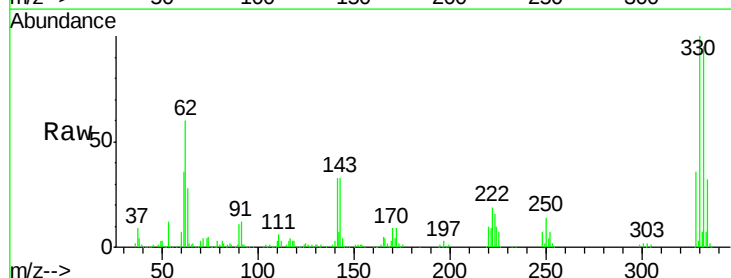
Tgt Ion:330 Resp: 485796

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

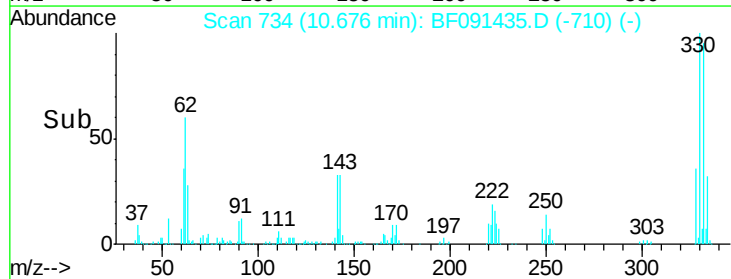
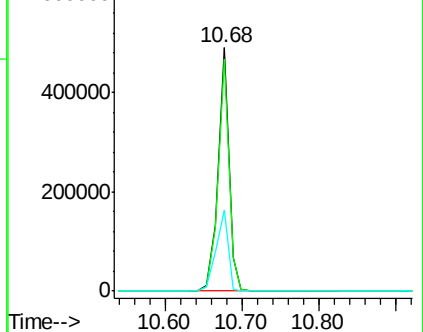
141 36.2 33.6 50.4

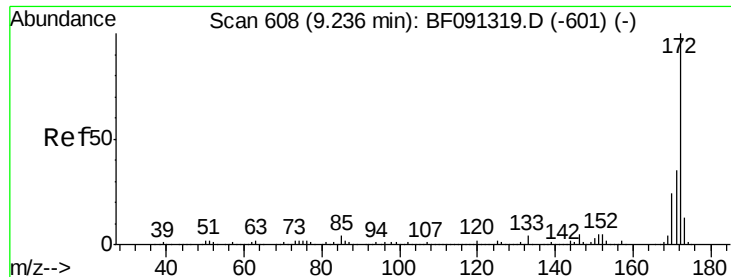


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

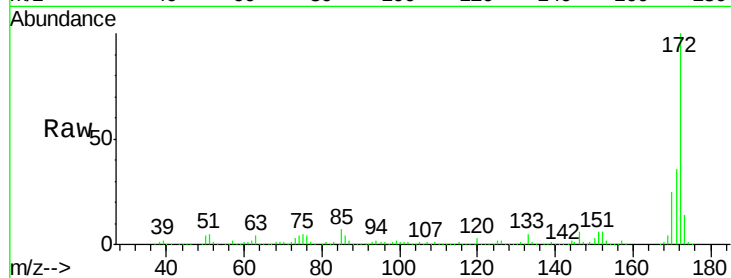




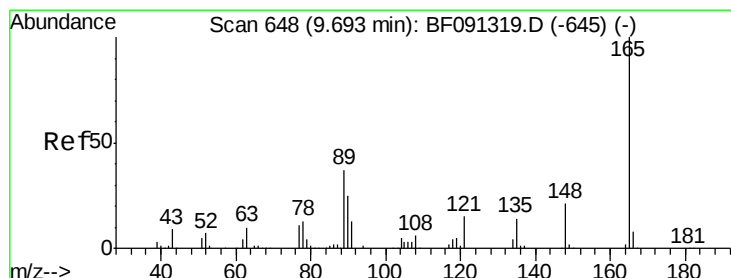
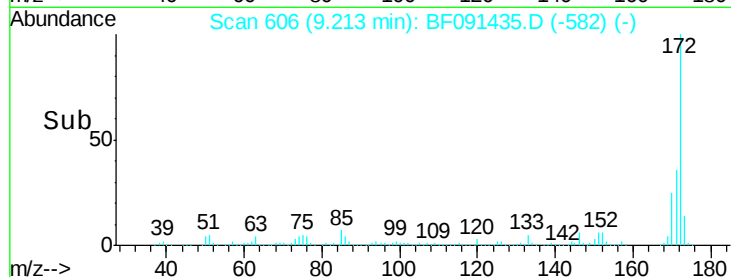
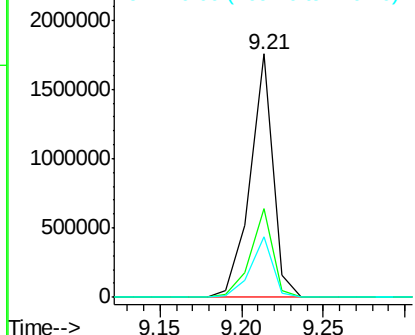
#44
 2-Fluorobiphenyl
 Concen: 91.19 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Instrument :
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Tgt Ion:172 Resp: 1707497
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.7 19.7 29.5

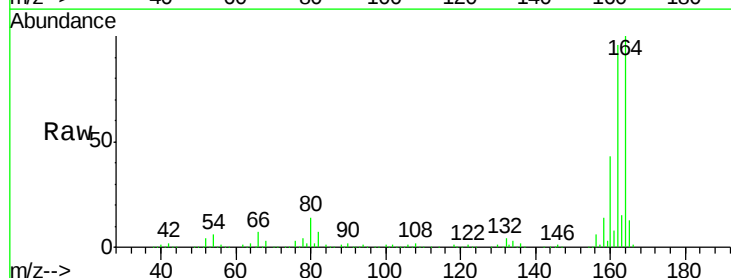


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

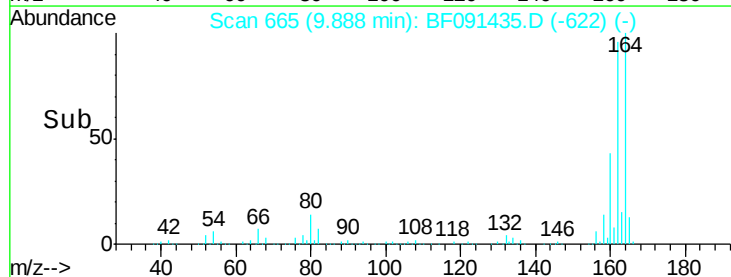
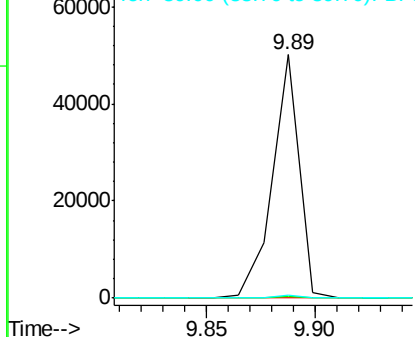


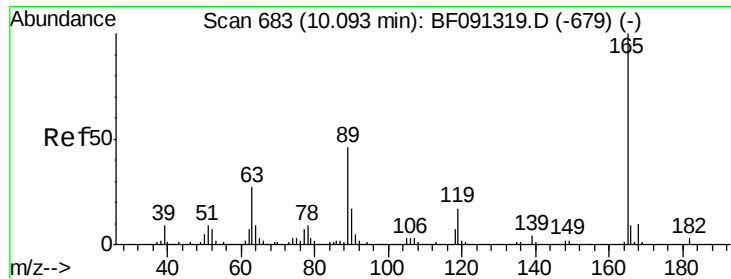
#50
 2,6-Dinitrotoluene
 Concen: 9.48 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.19 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Tgt Ion:165 Resp: 43495
 Ion Ratio Lower Upper
 165 100
 63 0.8 59.4 89.0#
 89 1.0 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

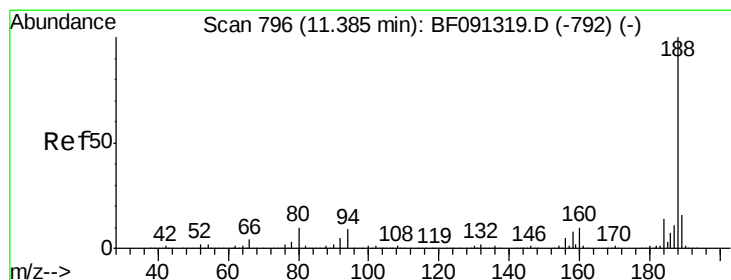
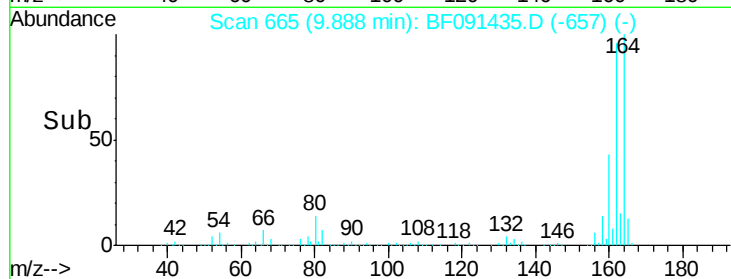
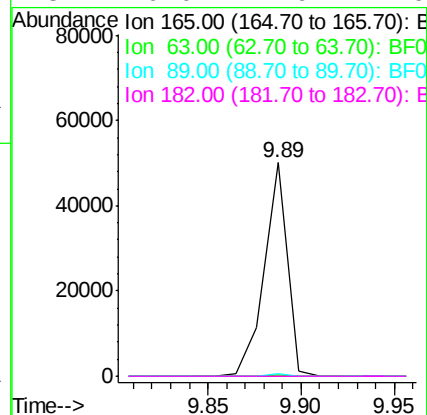
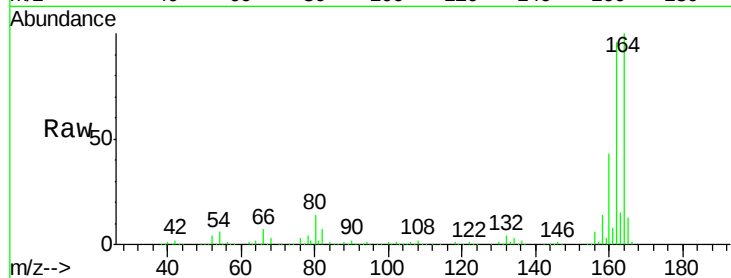




#56
2,4-Dinitrotoluene
Concen: 7.31 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF091435.D
Acq: 5 Dec 2016 23:13

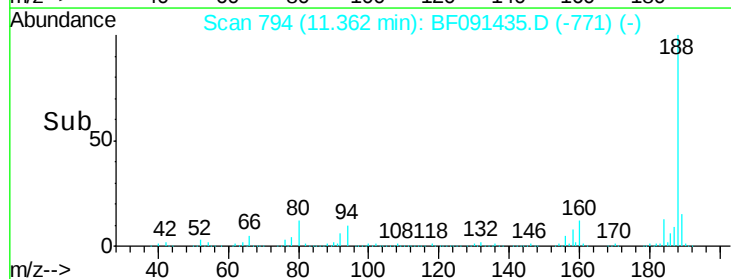
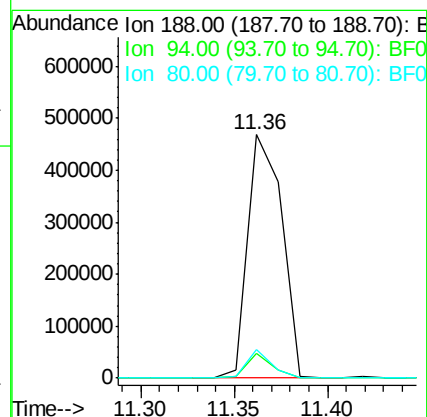
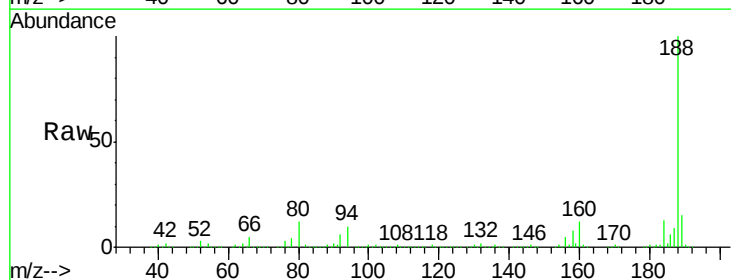
Instrument :
BNA_F
ClientSampleId :
MW-02

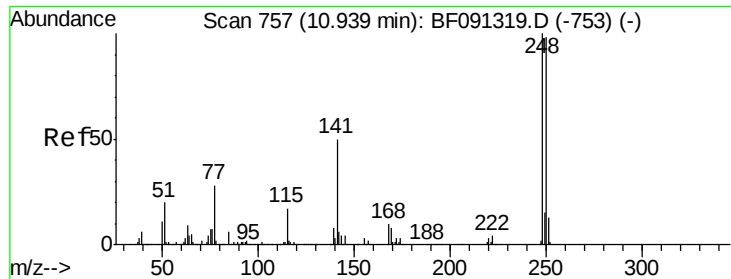
Tgt Ion:	165	Resp:	43498
Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	1.0	43.1	64.7#
182	0.0	1.9	2.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.04 min
Lab File: BF091435.D
Acq: 5 Dec 2016 23:13

Tgt Ion:	188	Resp:	595867
Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.2	13.8
80	11.7	10.5	15.7





#66

4-Bromophenyl-phenylether

Concen: 5.17 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.28 min

Lab File: BF091435.D

Acq: 5 Dec 2016 23:13

Instrument :

BNA_F

ClientSampleId :

MW-02

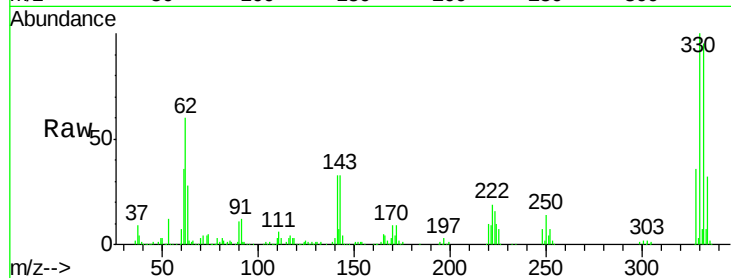
Tgt Ion:248 Resp: 33127

Ion Ratio Lower Upper

248 100

250 200.4 78.2 117.4#

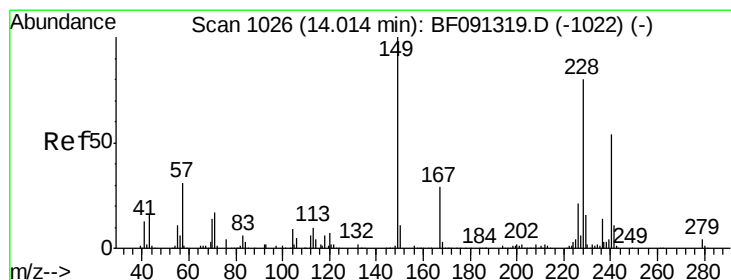
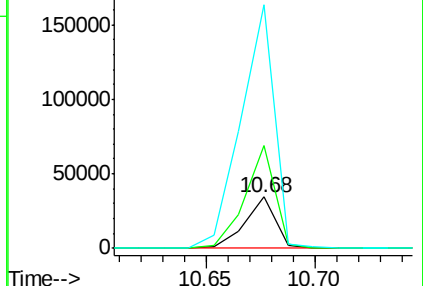
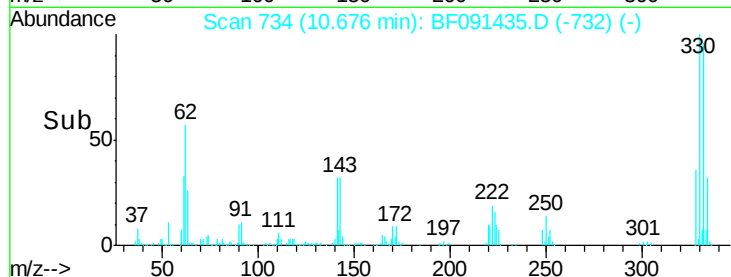
141 477.5 71.9 107.9#



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: BF091435.D

Acq: 5 Dec 2016 23:13

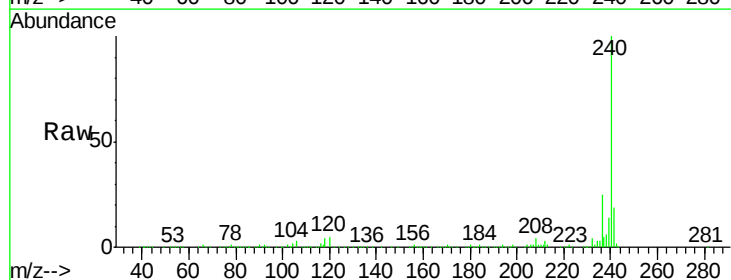
Tgt Ion:240 Resp: 441310

Ion Ratio Lower Upper

240 100

120 5.4 12.1 18.1#

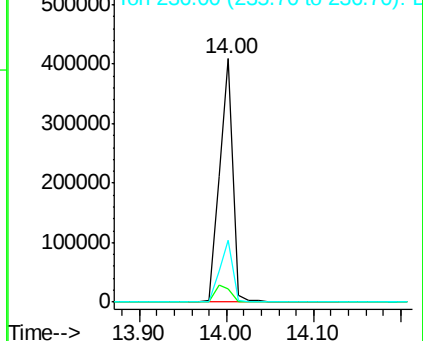
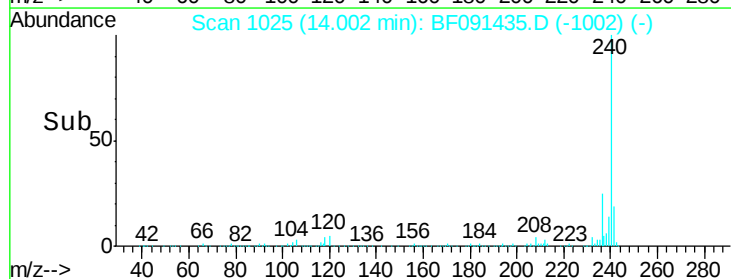
236 25.2 21.0 31.6

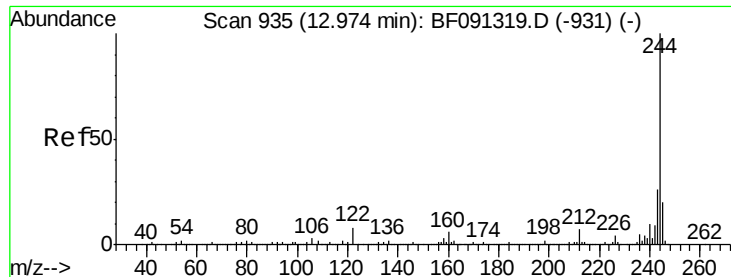


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

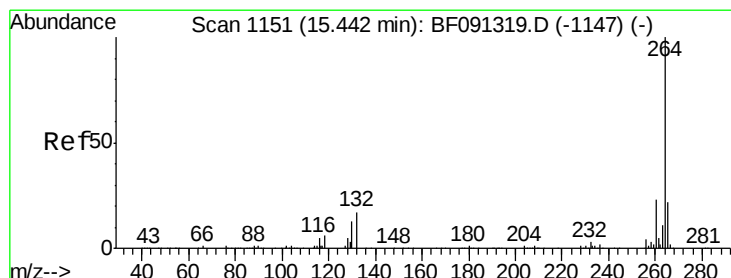
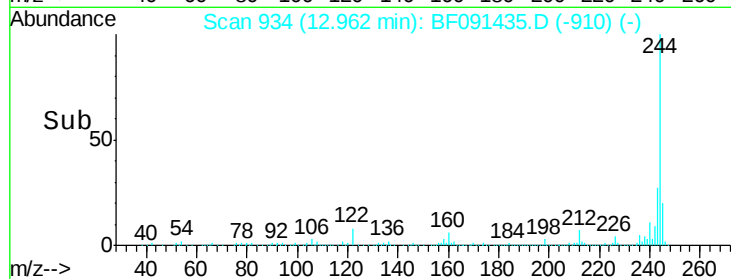
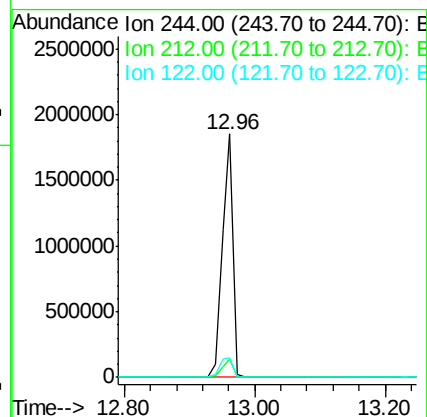
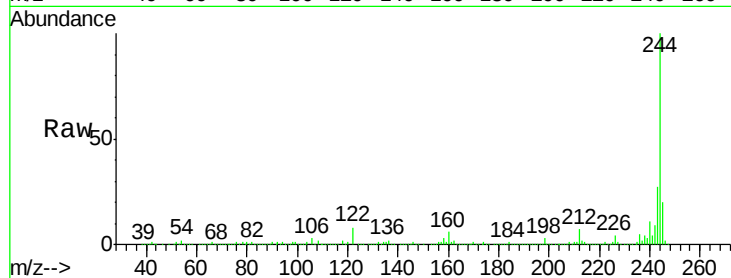




#78
 Terphenyl-d14
 Concen: 105.44 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF091435.D
 Acq: 5 Dec 2016 23:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion:244 Resp: 2140788
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 7.8 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: BF091435.D
 Acq: 5 Dec 2016 23:13

Tgt Ion:264 Resp: 355007
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 22.0 17.0 25.6

