

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091439.D
 Acq On : 6 Dec 2016 1:03
 Operator : UM/SJ
 Sample : H5829-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-120116

Quant Time: Dec 06 03:55:39 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

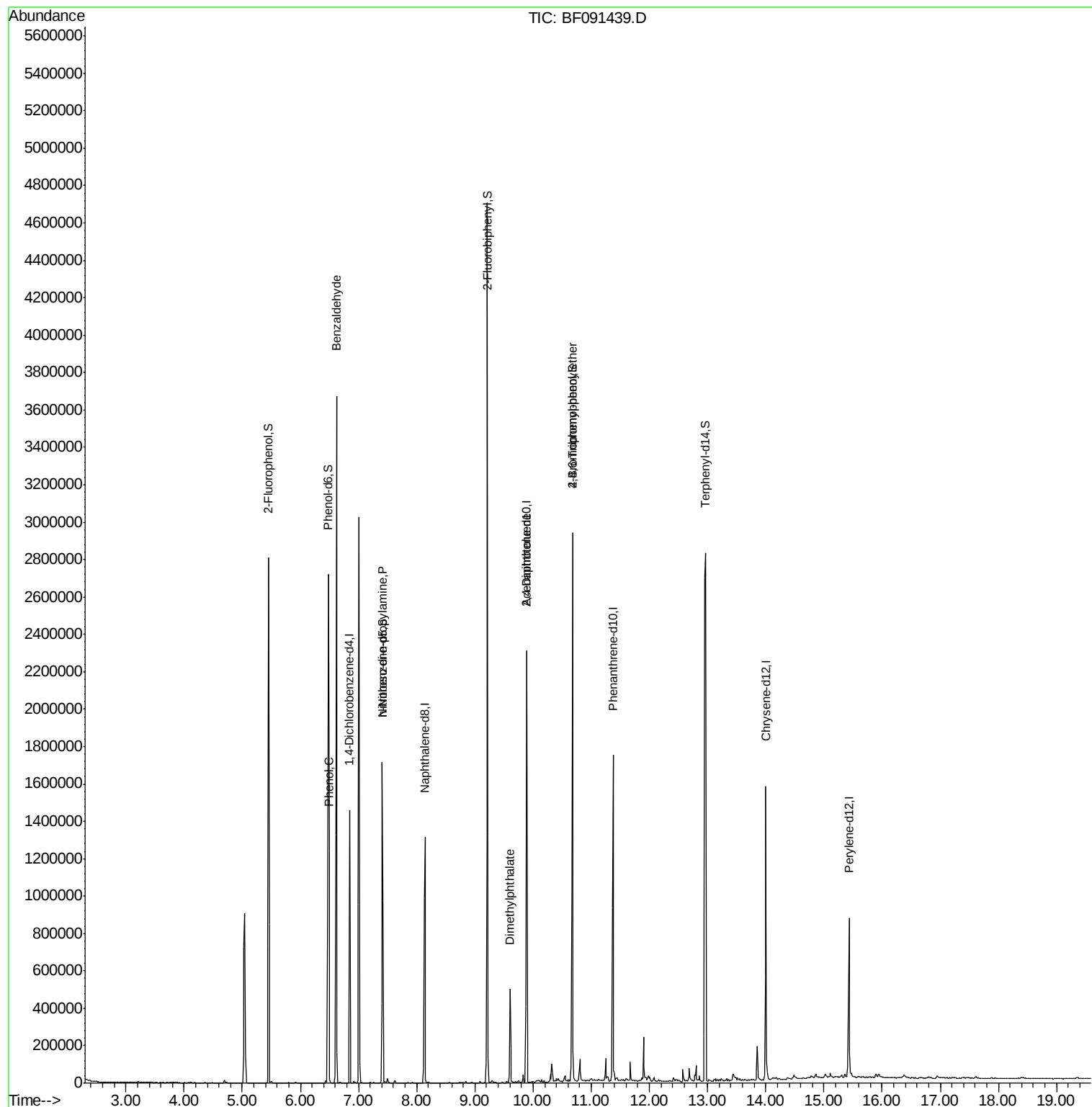
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	192083	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	796126	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	486129	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	783265	20.00	ng	0.00
75) Chrysene-d12	14.00	240	578002	20.00	ng	0.00
86) Perylene-d12	15.43	264	417696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	781654	66.48	ng	0.01
7) Phenol-d6	6.48	99	1050930	72.61	ng	0.00
23) Nitrobenzene-d5	7.41	82	689515	48.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	341185	74.13	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1439631	53.62	ng	0.00
78) Terphenyl-d14	12.96	244	1426920	53.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	23393	2.51	ng	Qvalue 89
10) Phenol	6.49	94	42226	2.48	ng	# 73
19) n-Nitroso-di-n-propylamine	7.41	70	92325	10.12	ng	# 76
49) Dimethylphthalate	9.60	163	212564	7.22	ng	98
56) 2,4-Dinitrotoluene	9.89	165	65170	7.64	ng	# 33
66) 4-Bromophenyl-phenylether	10.68	248	23514	2.79	ng	# 1

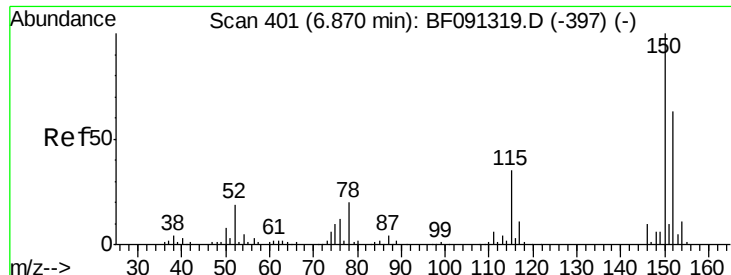
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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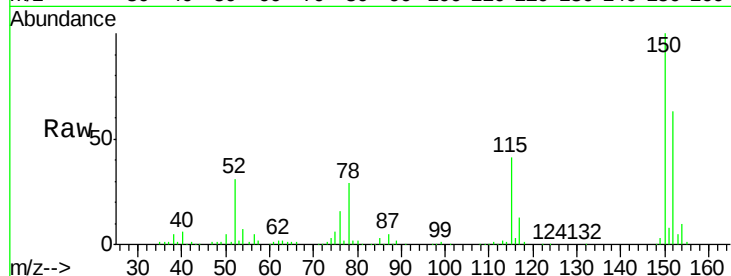




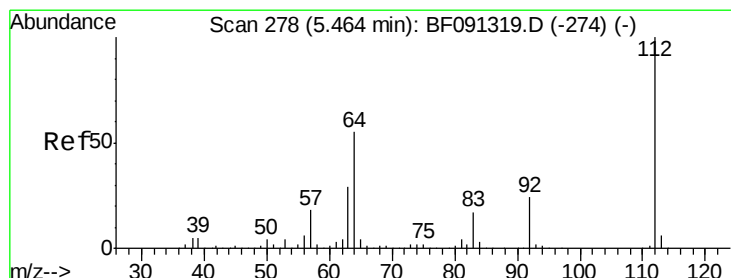
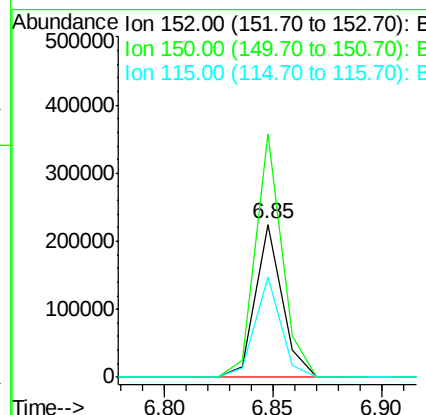
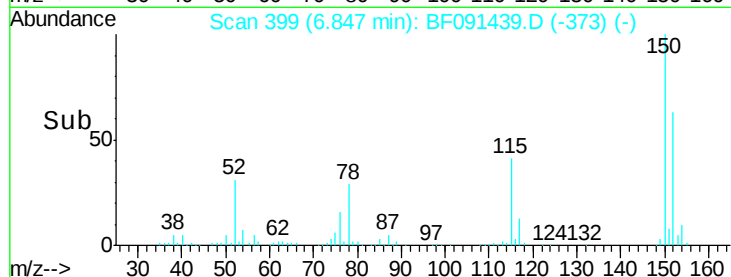
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BF091439.D
 Acq: 6 Dec 2016 1:03

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-120116

Tgt Ion:152 Resp: 192083
 Ion Ratio Lower Upper
 152 100
 150 159.4 122.5 183.7
 115 65.9 51.8 77.8

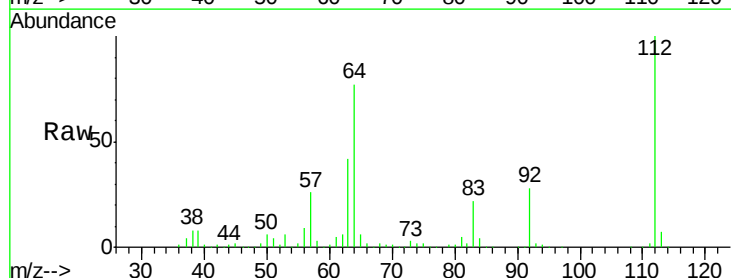


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

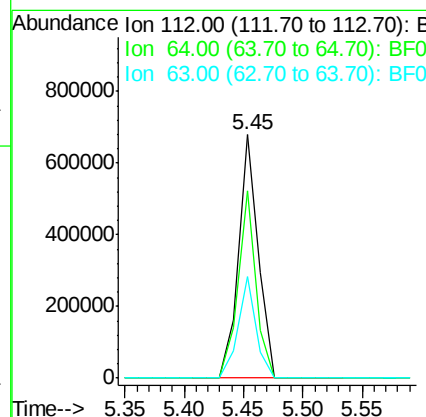
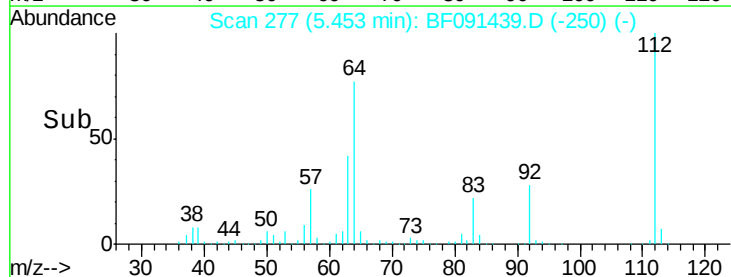


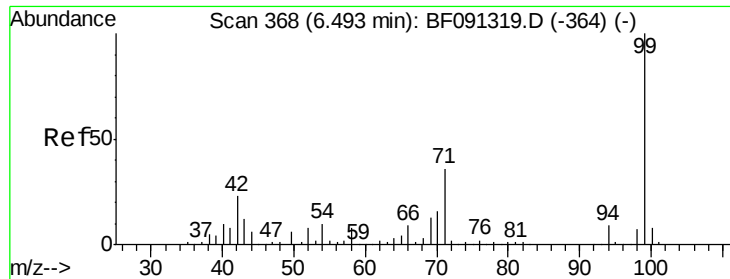
#5
 2-Fluorophenol
 Concen: 66.48 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BF091439.D
 Acq: 6 Dec 2016 1:03

Tgt Ion:112 Resp: 781654
 Ion Ratio Lower Upper
 112 100
 64 77.1 61.5 92.3
 63 41.7 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: 72.61 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF091439.D

Acq: 6 Dec 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-120116

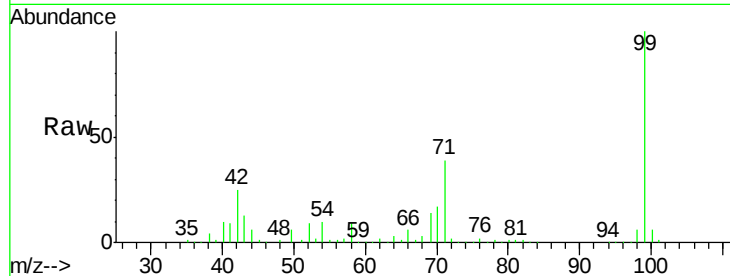
Tgt Ion: 99 Resp: 1050930

Ion Ratio Lower Upper

99 100

42 25.3 20.6 31.0

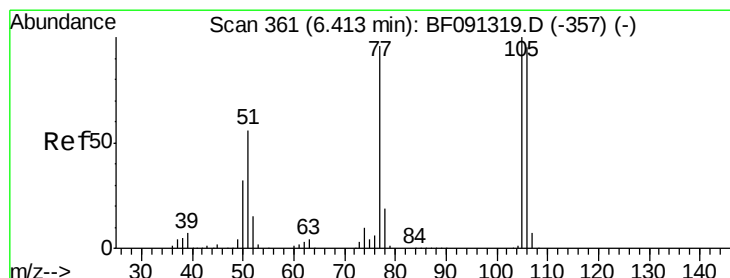
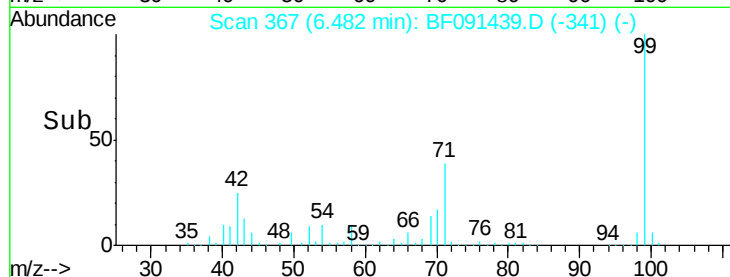
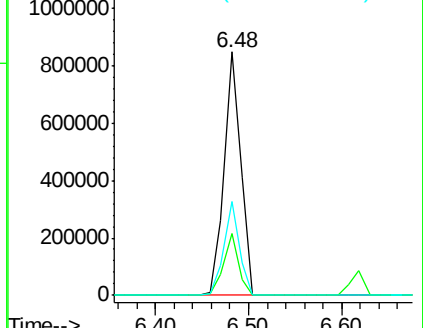
71 38.6 29.9 44.9



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: 2.51 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.23 min

Lab File: BF091439.D

Acq: 6 Dec 2016 1:03

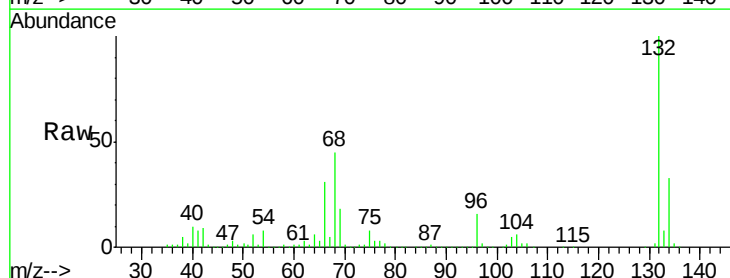
Tgt Ion: 77 Resp: 23393

Ion Ratio Lower Upper

77 100

105 75.6 66.4 106.4

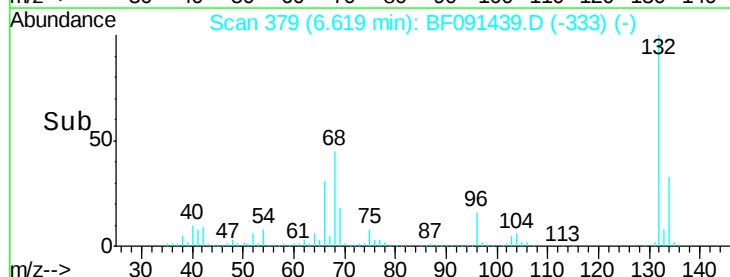
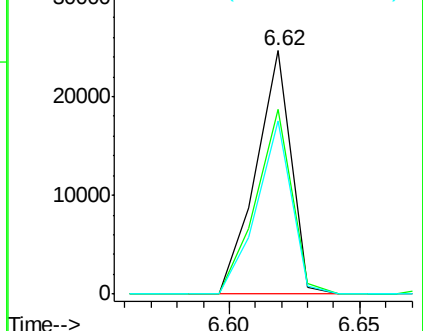
106 70.9 60.9 100.9

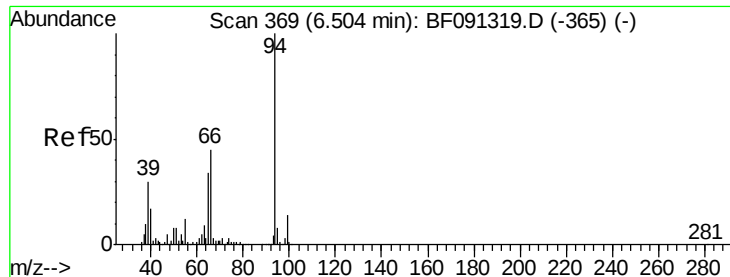


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.48 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091439.D

Acq: 6 Dec 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-120116

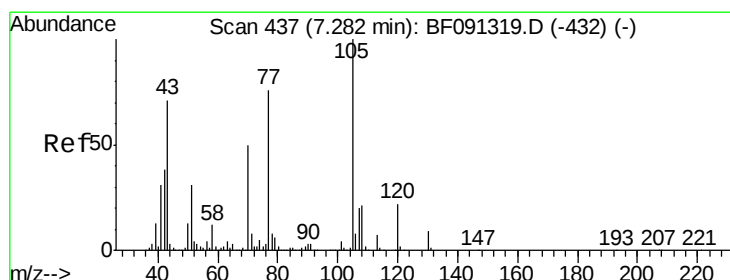
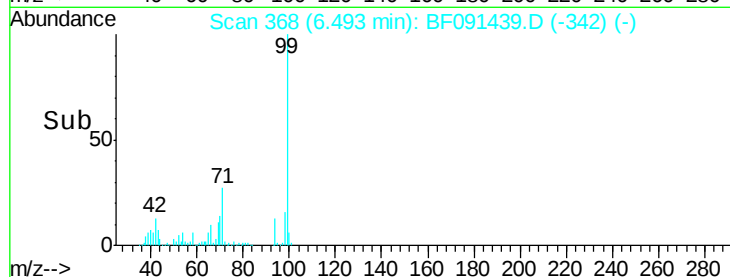
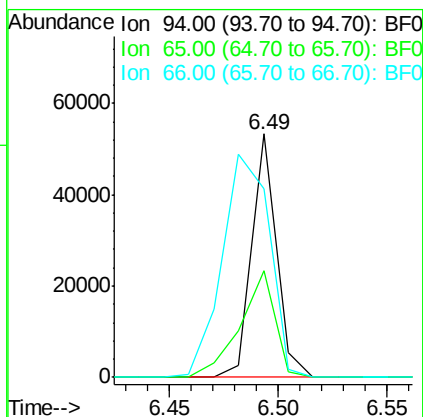
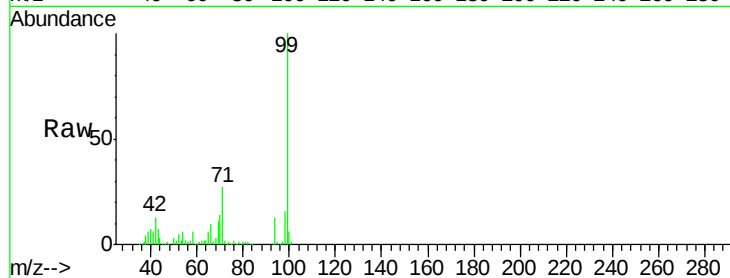
Tgt Ion: 94 Resp: 42226

Ion Ratio Lower Upper

94 100

65 43.6 16.9 56.9

66 77.6 30.6 70.6#



#19

n-Nitroso-di-n-propylamine

Concen: 10.12 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.14 min

Lab File: BF091439.D

Acq: 6 Dec 2016 1:03

Tgt Ion: 70 Resp: 92325

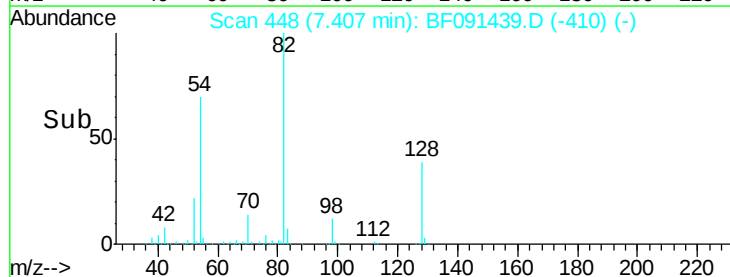
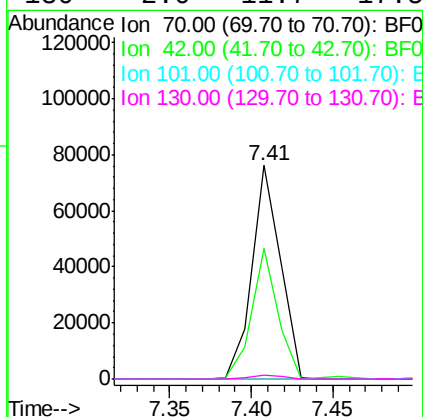
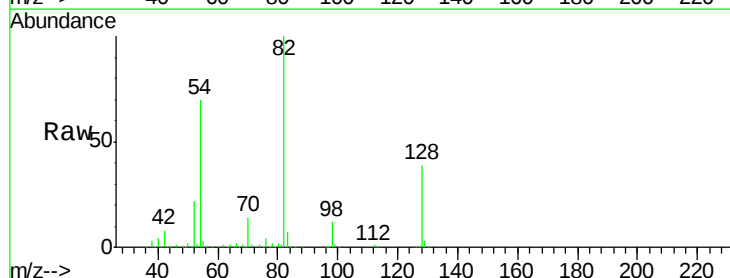
Ion Ratio Lower Upper

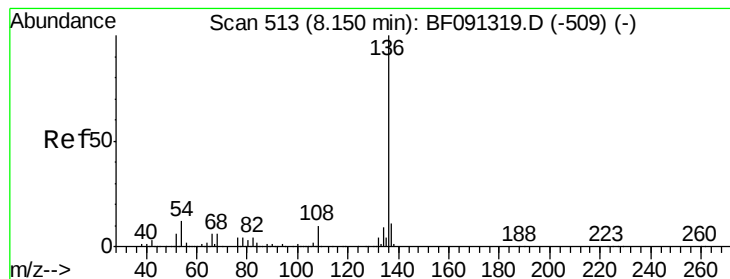
70 100

42 61.0 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 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: BF091439.D

Acq: 6 Dec 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-120116

Tgt Ion: 136 Resp: 796126

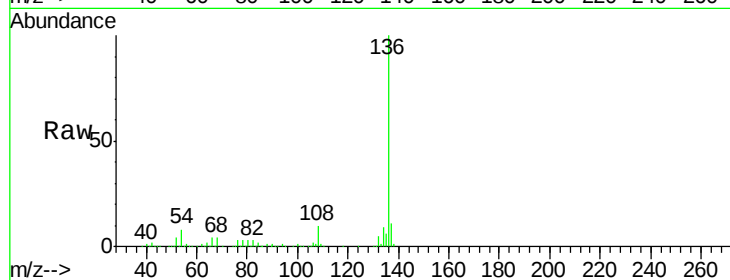
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.0 9.1 13.7#

68 3.5 5.9 8.9#

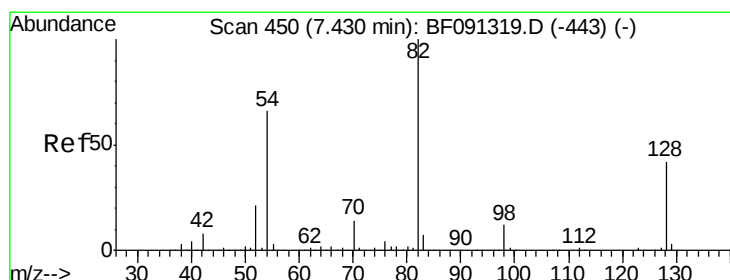
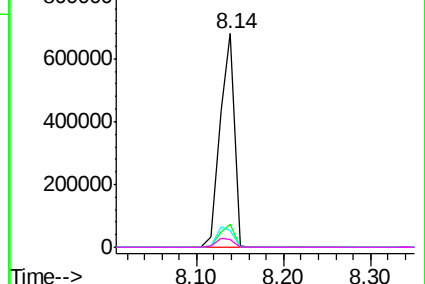
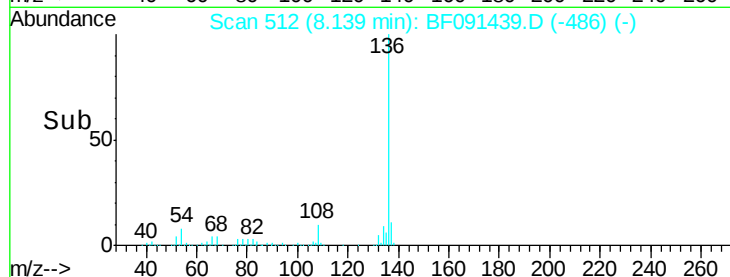


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 48.54 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF091439.D

Acq: 6 Dec 2016 1:03

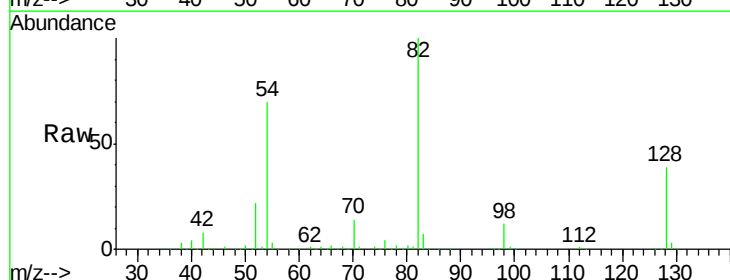
Tgt Ion: 82 Resp: 689515

Ion Ratio Lower Upper

82 100

128 38.8 31.8 47.6

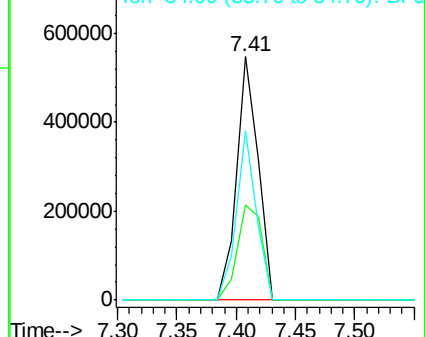
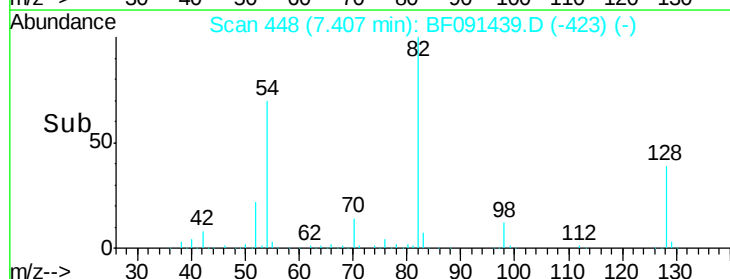
54 69.5 49.1 73.7

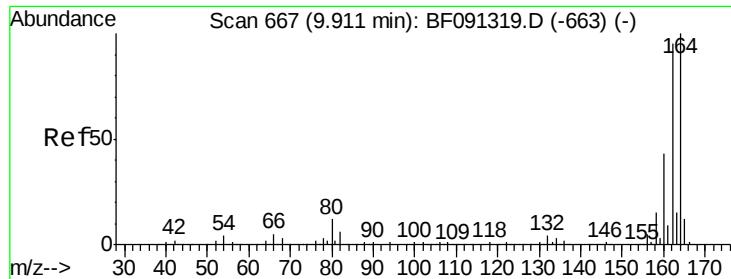


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

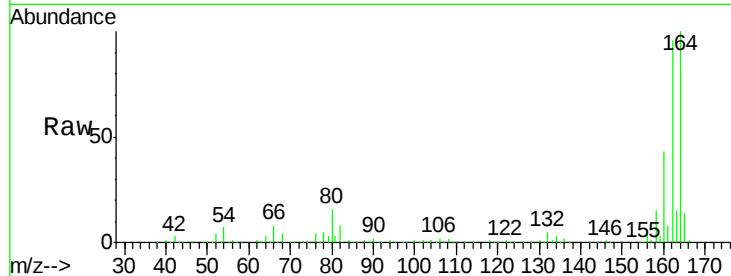




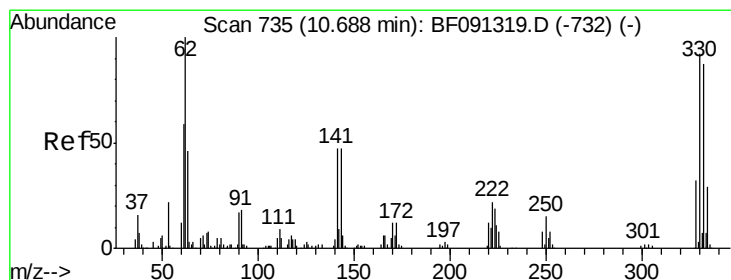
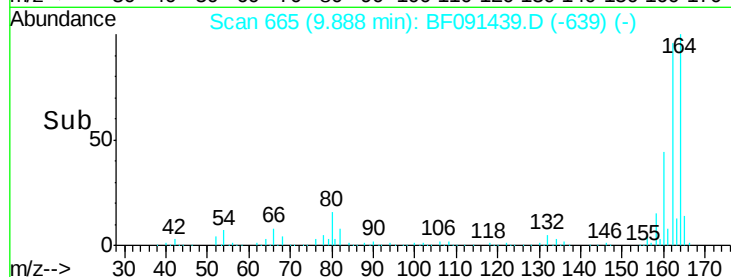
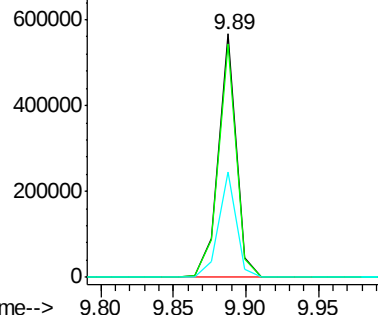
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF091439.D
Acq: 6 Dec 2016 1:03

Instrument :
BNA_F
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SOUTHWALL-120116

Tgt Ion:164 Resp: 486129
Ion Ratio Lower Upper
164 100
162 95.9 82.6 124.0
160 43.5 36.7 55.1

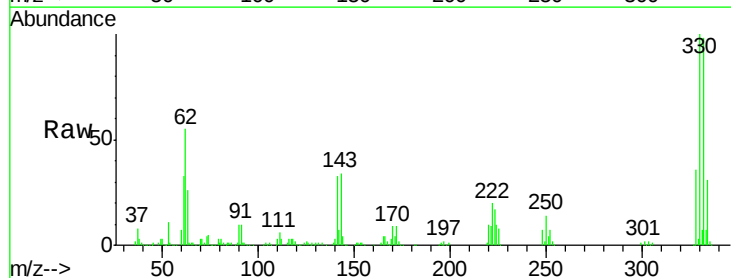


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

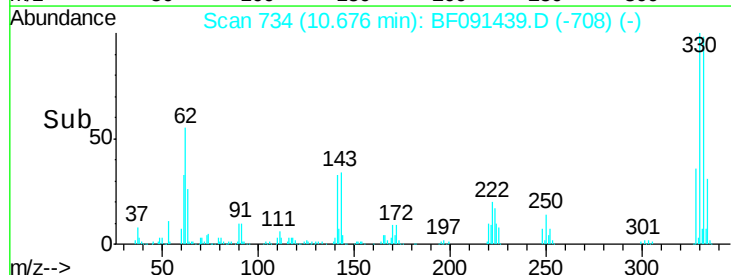
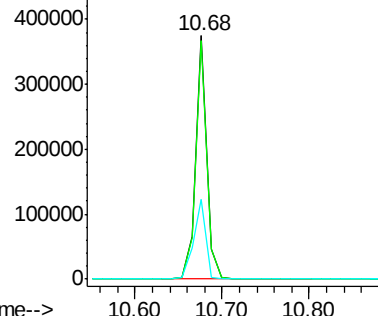


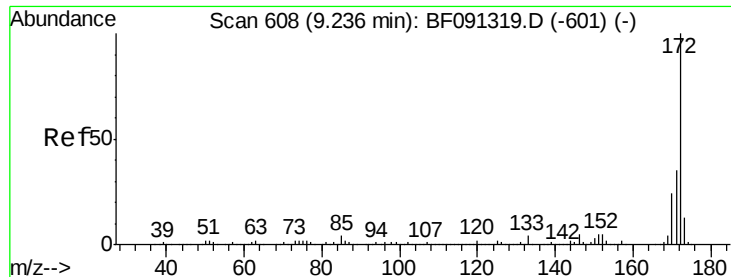
#41
2,4,6-Tribromophenol
Concen: 74.13 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF091439.D
Acq: 6 Dec 2016 1:03

Tgt Ion:330 Resp: 341185
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 35.9 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

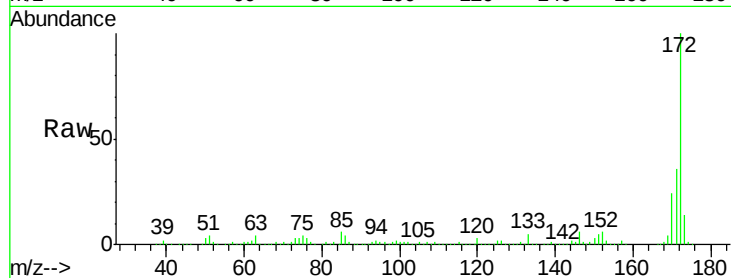




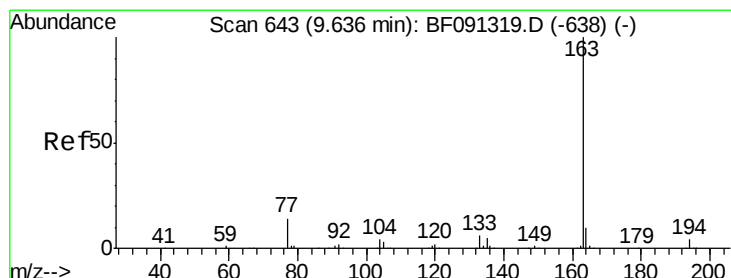
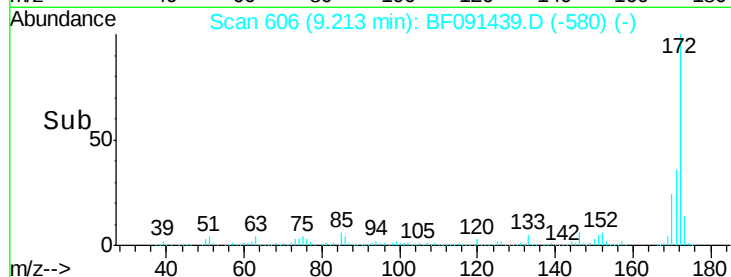
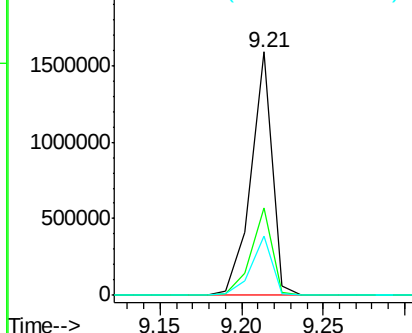
#44
 2-Fluorobiphenyl
 Concen: 53.62 ng
 RT: 9.21 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF091439.D
 Acq: 6 Dec 2016 1:03

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Tgt Ion:172 Resp: 1439631
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 19.7 29.5

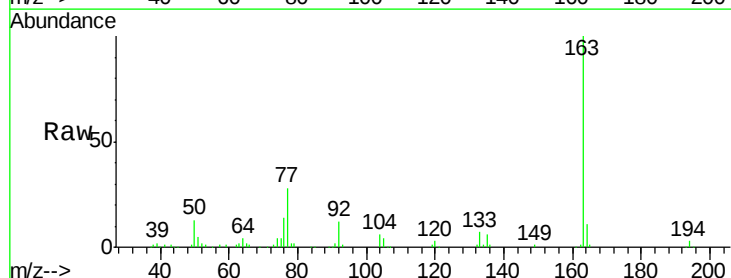


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

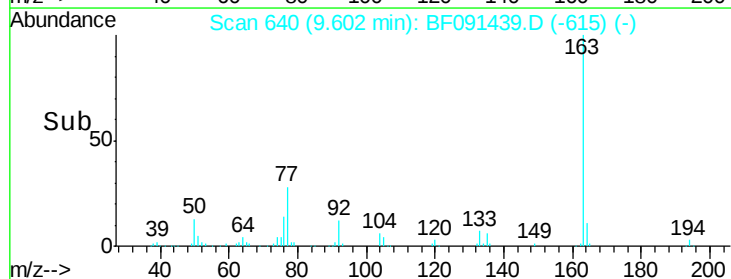
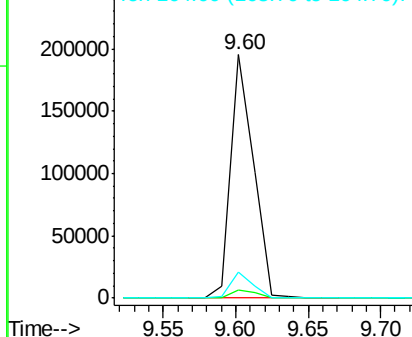


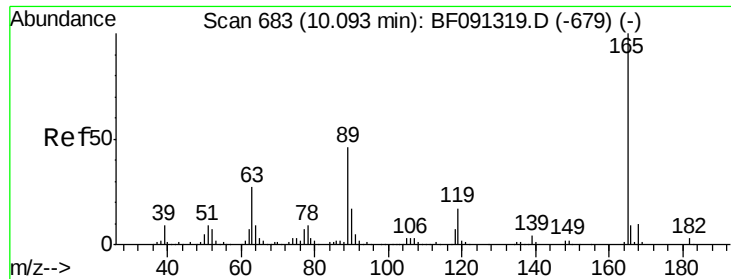
#49
 Dimethylphthalate
 Concen: 7.22 ng
 RT: 9.60 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF091439.D
 Acq: 6 Dec 2016 1:03

Tgt Ion:163 Resp: 212564
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 10.8 7.8 11.8



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

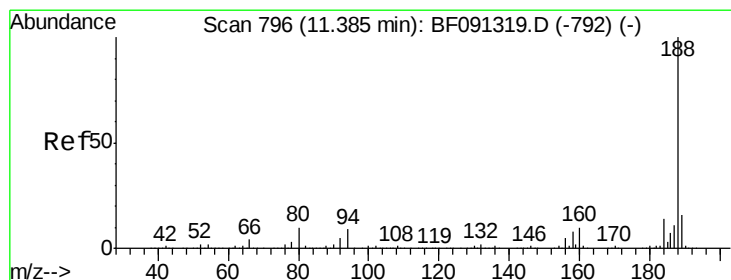
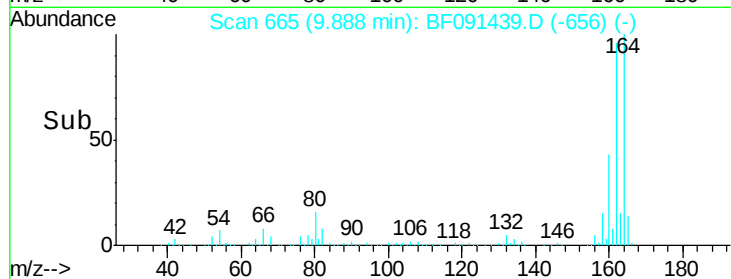
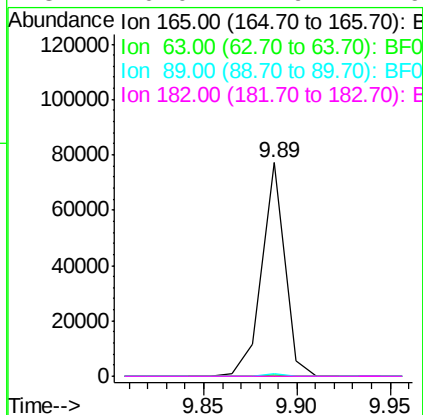
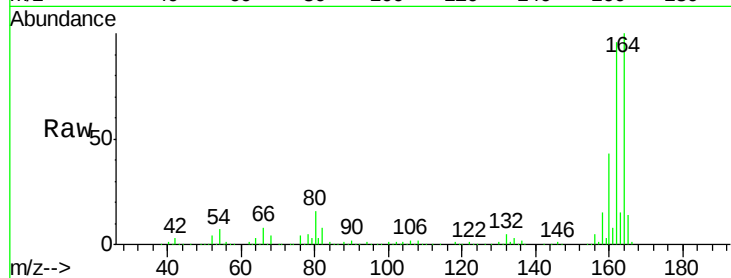




#56
 2,4-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.19 min
 Lab File: BF091439.D
 Acq: 6 Dec 2016 1:03

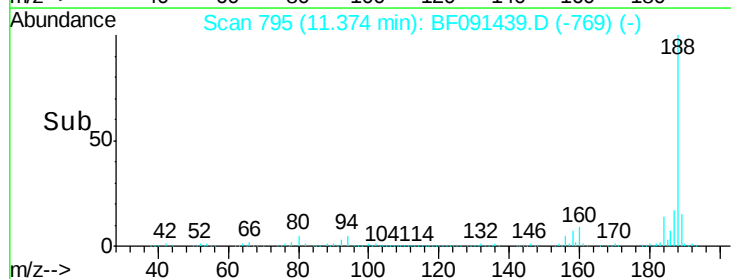
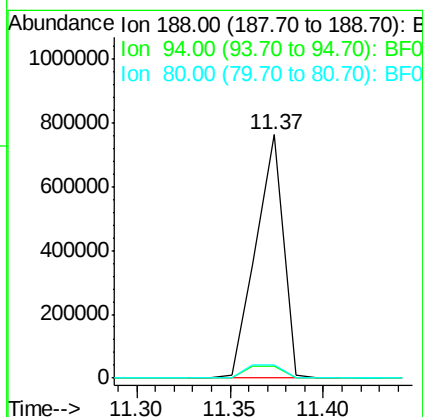
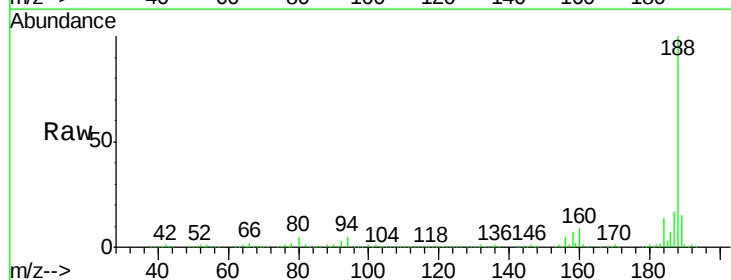
Instrument :
 BNA_F
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 SOUTHWALL-120116

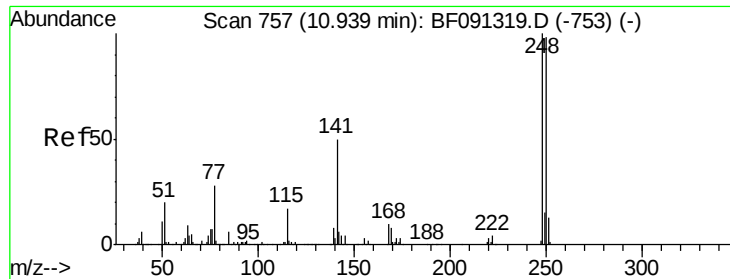
Tgt Ion:	165	Resp:	65170
Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	1.0	43.1	64.7#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF091439.D
 Acq: 6 Dec 2016 1:03

Tgt Ion:	188	Resp:	783265
Ion	Ratio	Lower	Upper
188	100		
94	4.8	9.2	13.8#
80	5.2	10.5	15.7#

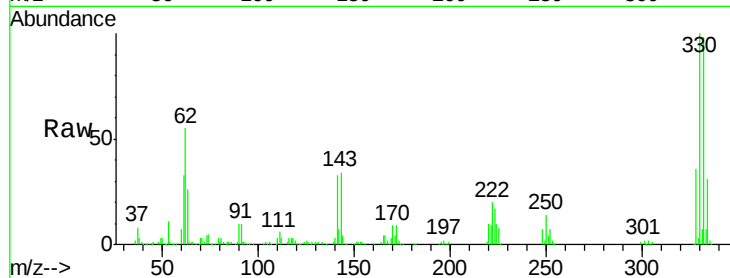




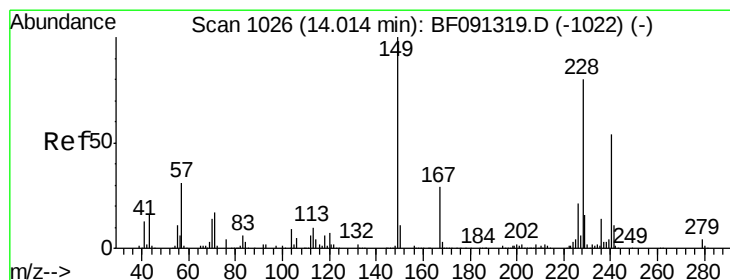
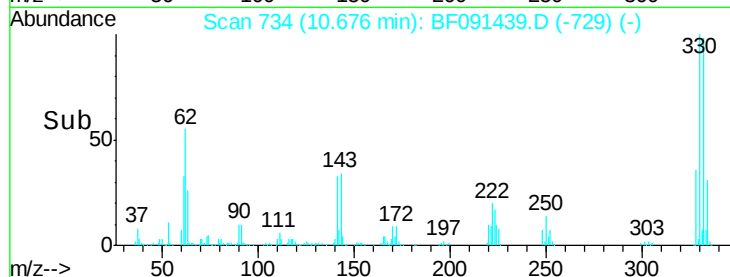
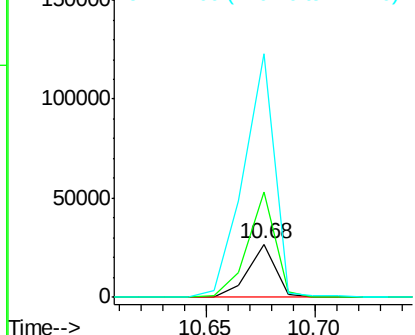
#66
4-Bromophenyl-phenylether
Concen: 2.79 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.24 min
Lab File: BF091439.D
Acq: 6 Dec 2016 1:03

Instrument :
BNA_F
ClientSampleId :
SOUTHWALL-120116

Tgt Ion:248 Resp: 23514
Ion Ratio Lower Upper
248 100
250 197.6 78.2 117.4#
141 457.4 71.9 107.9#

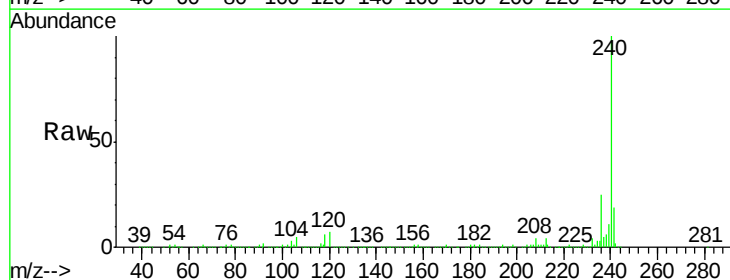


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

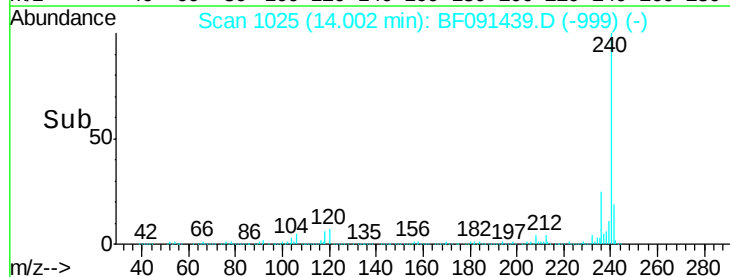
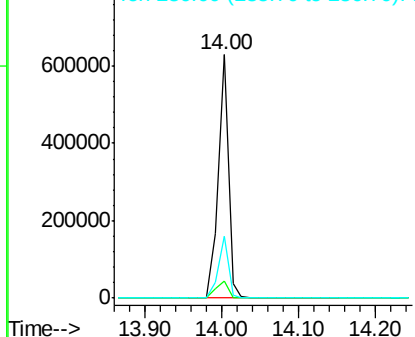


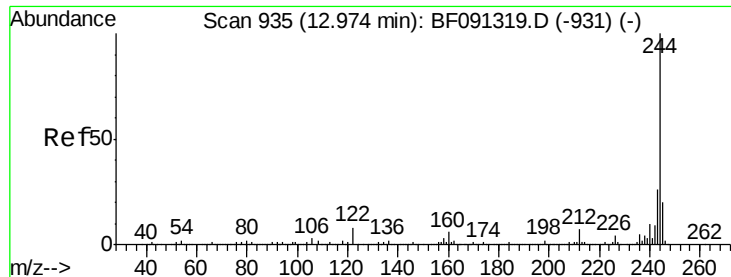
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF091439.D
Acq: 6 Dec 2016 1:03

Tgt Ion:240 Resp: 578002
Ion Ratio Lower Upper
240 100
120 7.1 12.1 18.1#
236 25.3 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: 53.66 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091439.D

Acq: 6 Dec 2016 1:03

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-120116

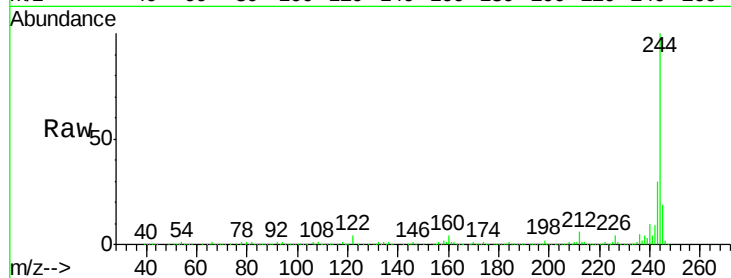
Tgt Ion:244 Resp: 1426920

Ion Ratio Lower Upper

244 100

212 6.3 6.5 9.7#

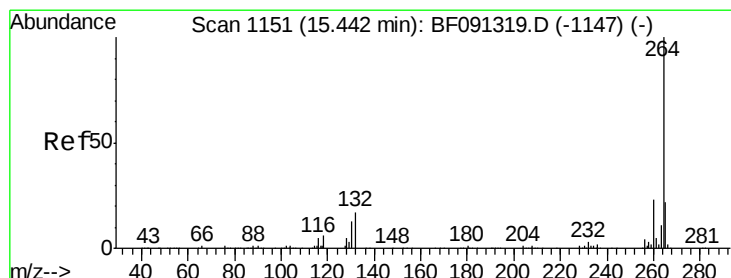
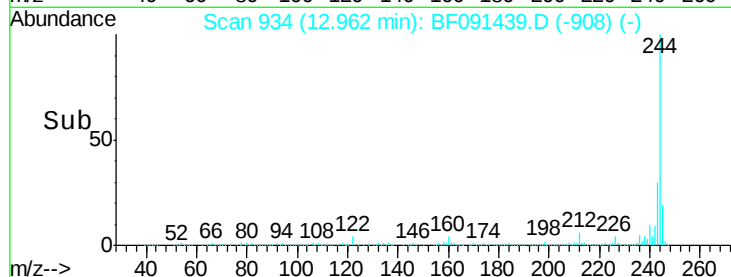
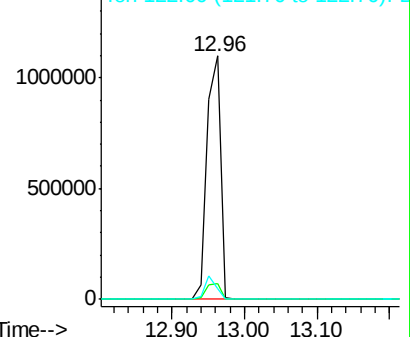
122 4.4 9.5 14.3#



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: BF091439.D

Acq: 6 Dec 2016 1:03

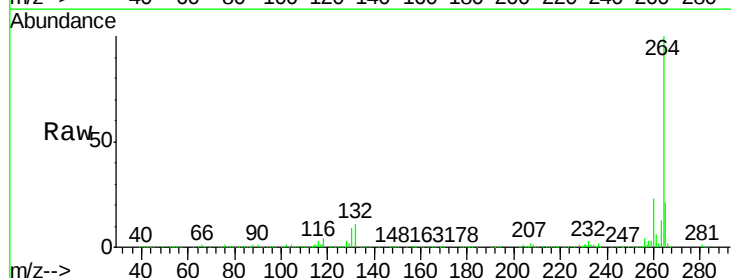
Tgt Ion:264 Resp: 417696

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.0 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

