

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091404.D
 Acq On : 2 Dec 2016 22:10
 Operator : UM/SJ
 Sample : H5829-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOR-120116

Quant Time: Dec 02 23:29:10 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

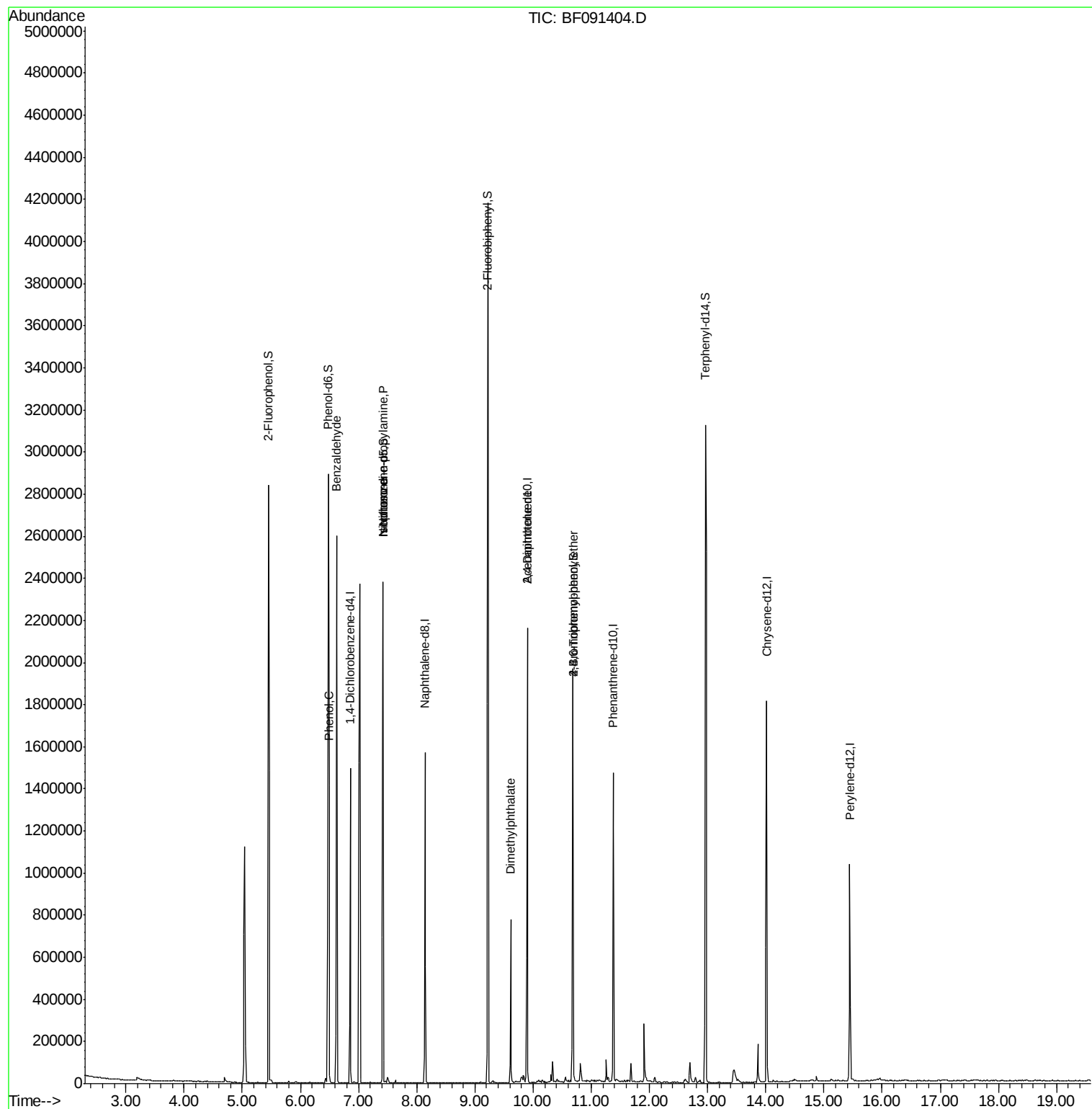
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	198361	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	735946	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	472912	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	775307	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	674446	20.00	ng	-0.03
86) Perylene-d12	15.44	264	479120	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	875187	72.08	ng	-0.02
7) Phenol-d6	6.48	99	1089235	72.87	ng	-0.02
23) Nitrobenzene-d5	7.42	82	703554	53.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	363027	81.09	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1446293	55.37	ng	-0.02
78) Terphenyl-d14	12.96	244	1435336	46.26	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	21392	2.23	ng	84
10) Phenol	6.49	94	57050	3.24	ng	# 75
19) n-Nitroso-di-n-propylamine	7.42	70	96746	10.27	ng	# 72
25) Isophorone	7.42	82	547765	23.54	ng	# 67
49) Dimethylphthalate	9.61	163	277572	9.69	ng	99
56) 2,4-Dinitrotoluene	9.90	165	61753	7.44	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	21452	2.57	ng	# 1

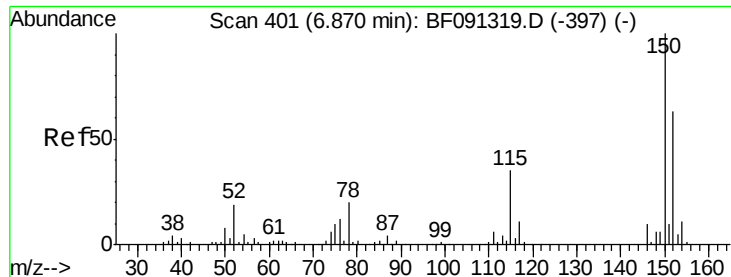
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091404.D

Acq: 2 Dec 2016 22:10

Instrument :

BNA_F

ClientSampleId :

FLOOR-120116

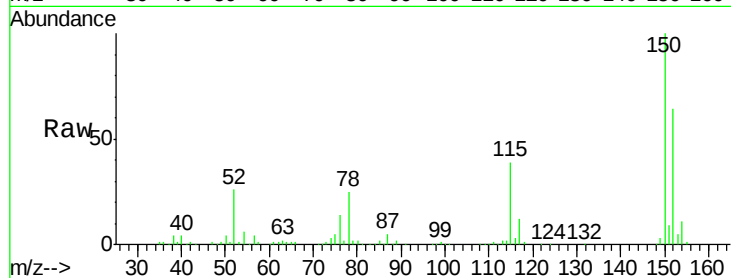
Tgt Ion:152 Resp: 198361

Ion Ratio Lower Upper

152 100

150 157.3 122.5 183.7

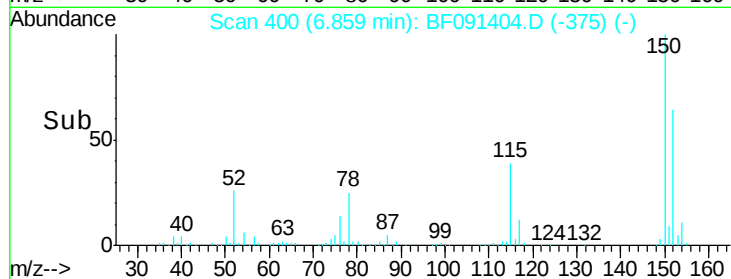
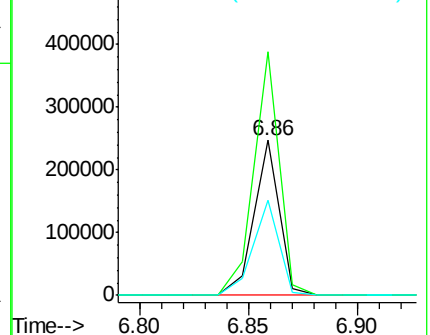
115 61.3 51.8 77.8



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: 72.08 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091404.D

Acq: 2 Dec 2016 22:10

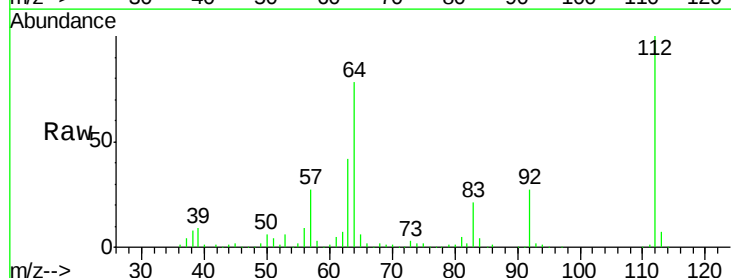
Tgt Ion:112 Resp: 875187

Ion Ratio Lower Upper

112 100

64 77.6 61.5 92.3

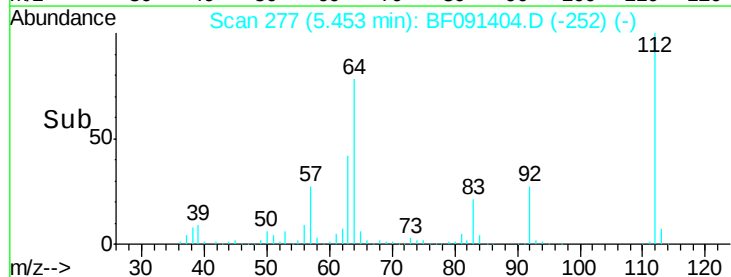
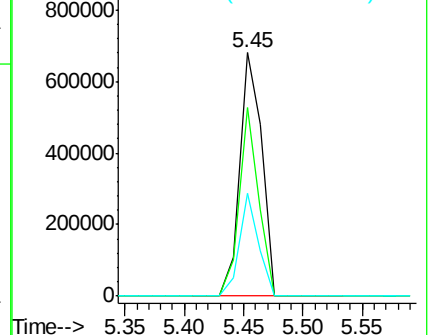
63 42.0 33.3 49.9



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: 72.87 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091404.D

Acq: 2 Dec 2016 22:10

Instrument :

BNA_F

ClientSampleId :

FLOOR-120116

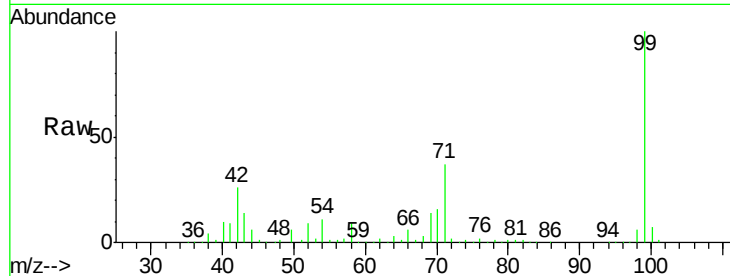
Tgt Ion: 99 Resp: 1089235

Ion Ratio Lower Upper

99 100

42 25.8 20.6 31.0

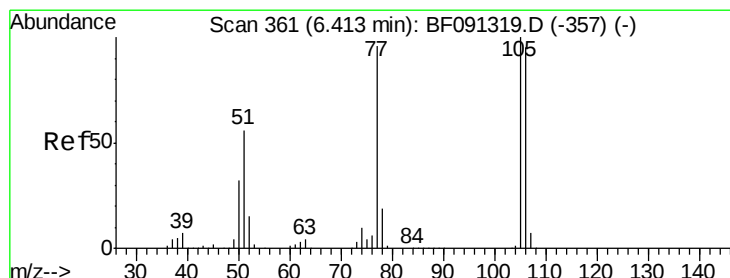
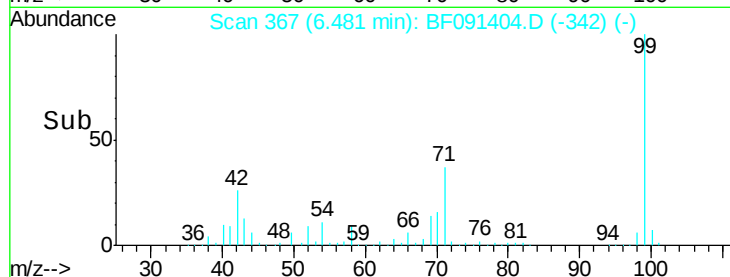
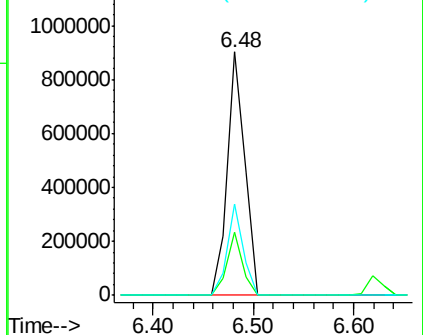
71 37.5 29.9 44.9



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: 2.23 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.20 min

Lab File: BF091404.D

Acq: 2 Dec 2016 22:10

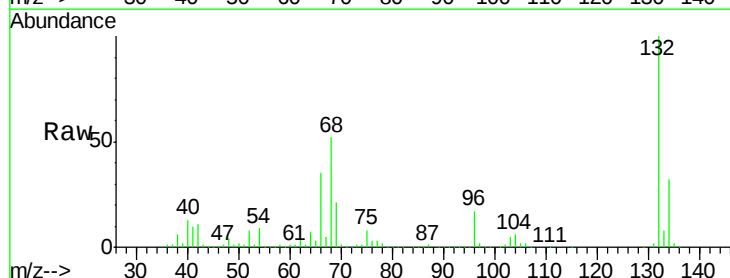
Tgt Ion: 77 Resp: 21392

Ion Ratio Lower Upper

77 100

105 75.0 66.4 106.4

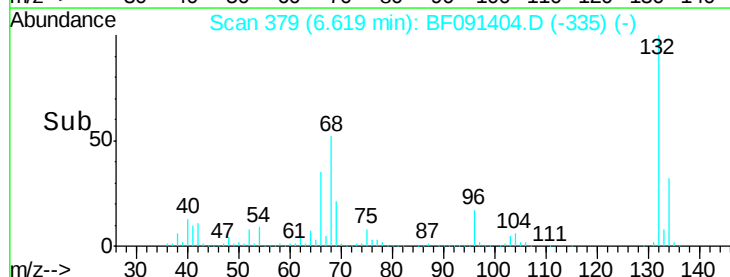
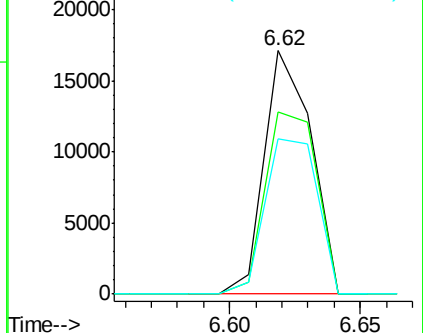
106 63.9 60.9 100.9

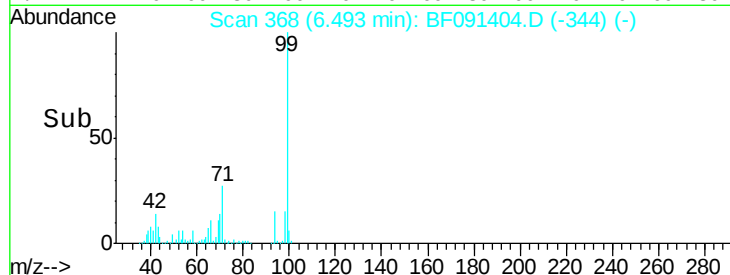
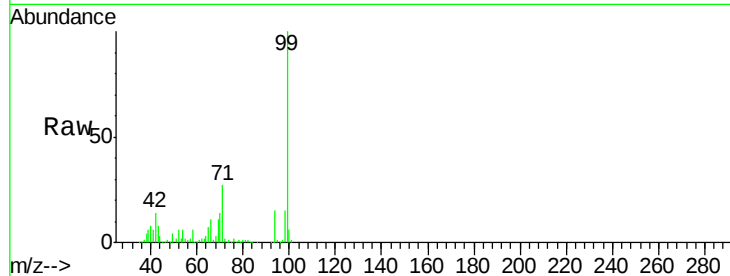
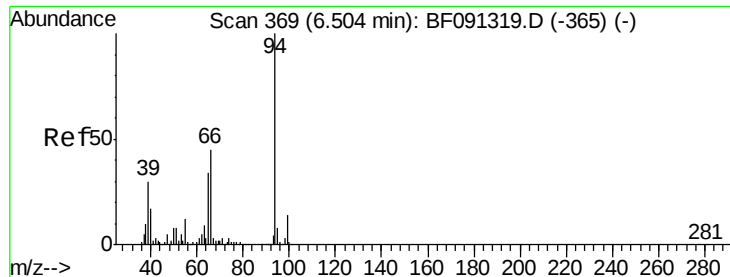


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.24 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091404.D

Acq: 2 Dec 2016 22:10

Instrument :

BNA_F

ClientSampleId :

FLOOR-120116

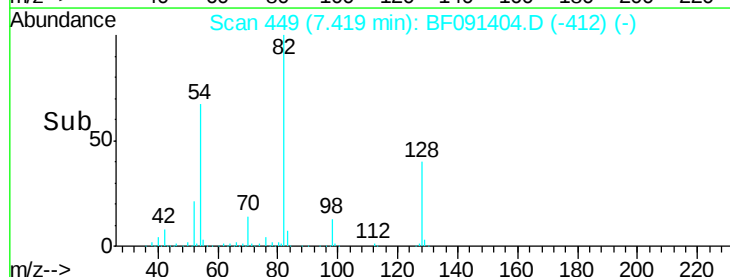
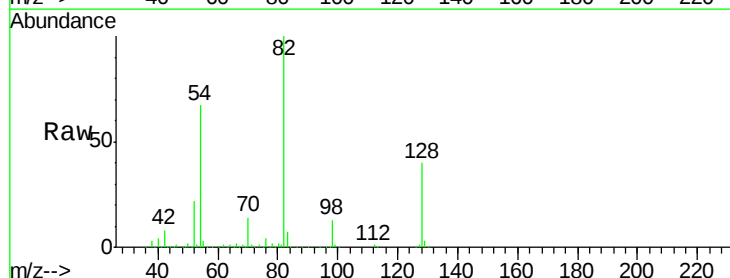
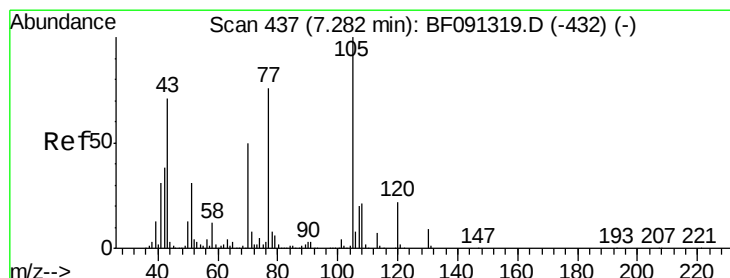
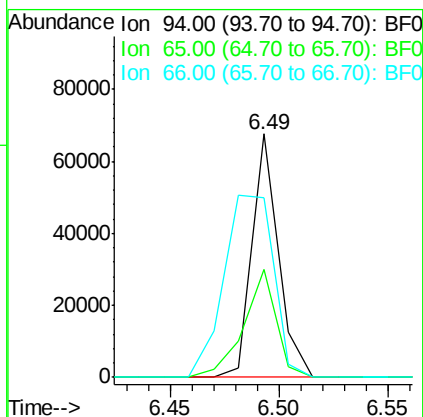
Tgt Ion: 94 Resp: 57050

Ion Ratio Lower Upper

94 100

65 44.5 16.9 56.9

66 73.9 30.6 70.6#



#19

n-Nitroso-di-n-propylamine

Concen: 10.27 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.12 min

Lab File: BF091404.D

Acq: 2 Dec 2016 22:10

Tgt Ion: 70 Resp: 96746

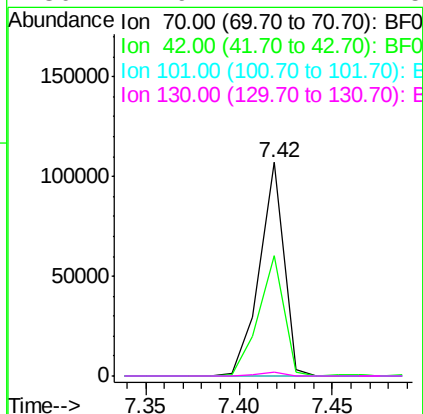
Ion Ratio Lower Upper

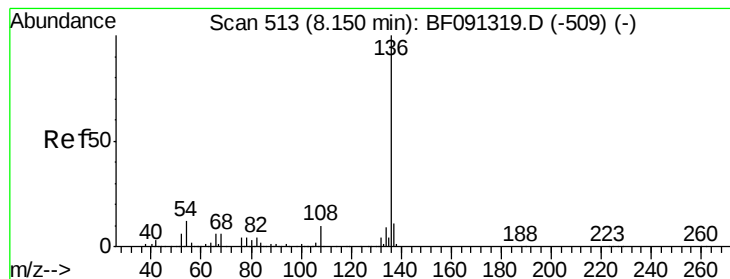
70 100

42 56.4 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: BF091404.D

Acq: 2 Dec 2016 22:10

Instrument :

BNA_F

ClientSampleId :

FLOOR-120116

Tgt Ion: 136 Resp: 735946

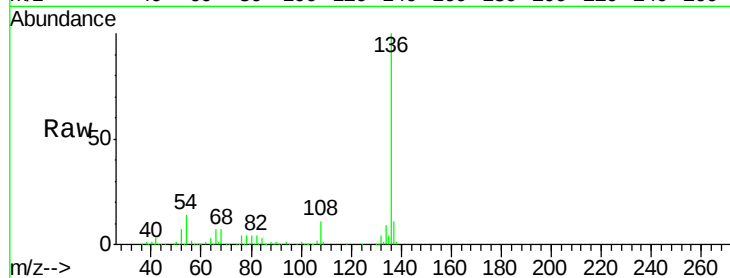
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 13.6 9.1 13.7

68 6.7 5.9 8.9

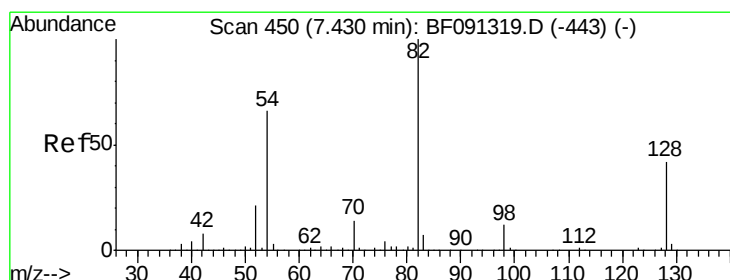
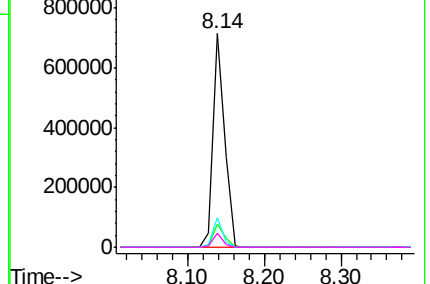
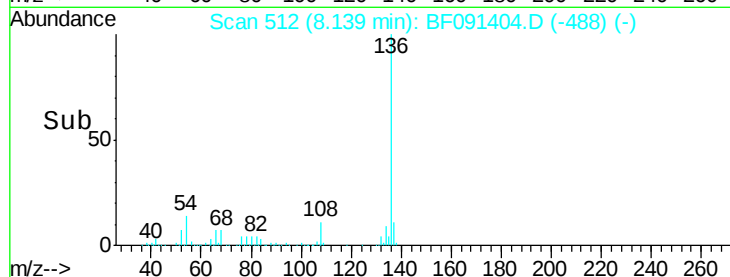


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.57 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091404.D

Acq: 2 Dec 2016 22:10

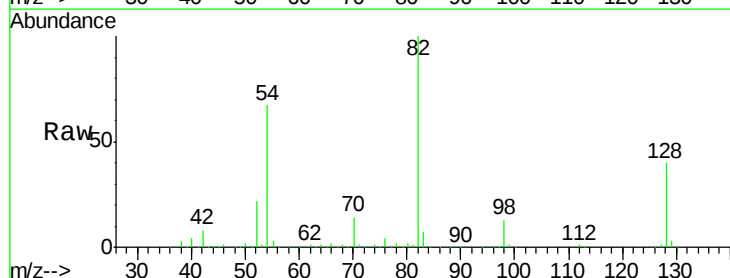
Tgt Ion: 82 Resp: 703554

Ion Ratio Lower Upper

82 100

128 40.3 31.8 47.6

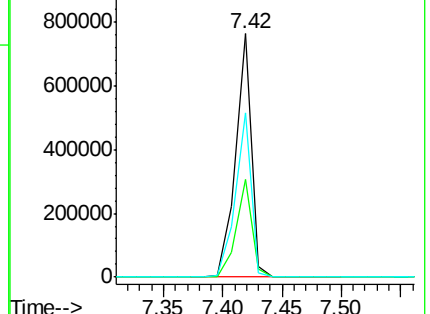
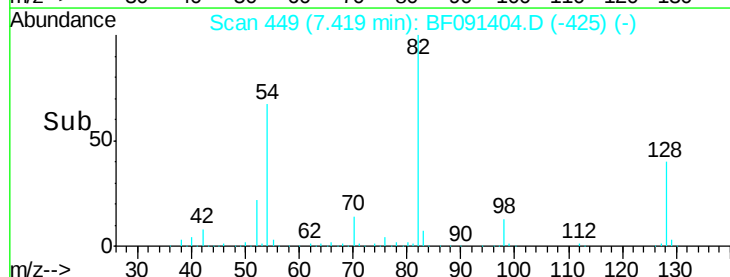
54 67.3 49.1 73.7

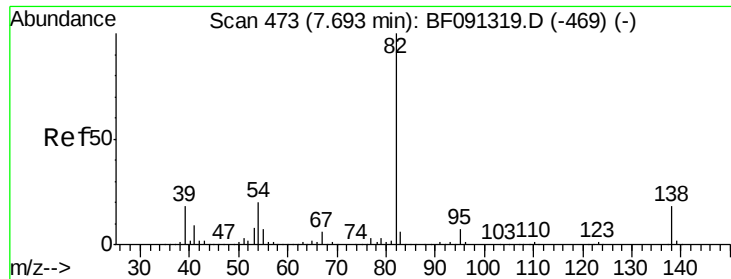


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

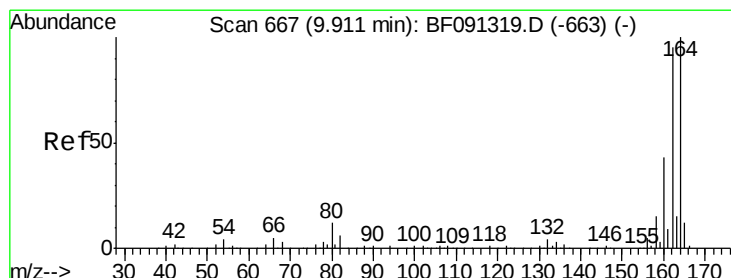
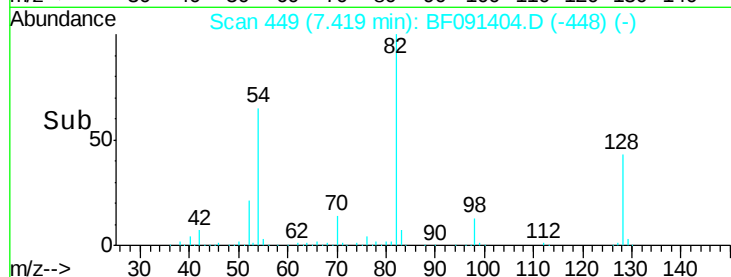
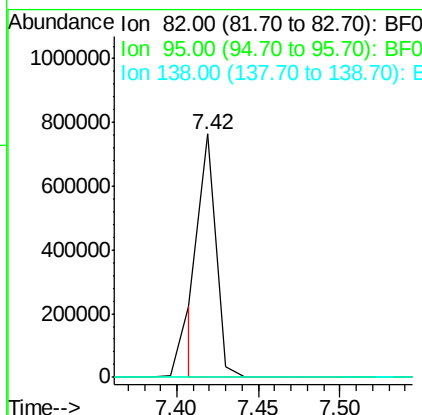
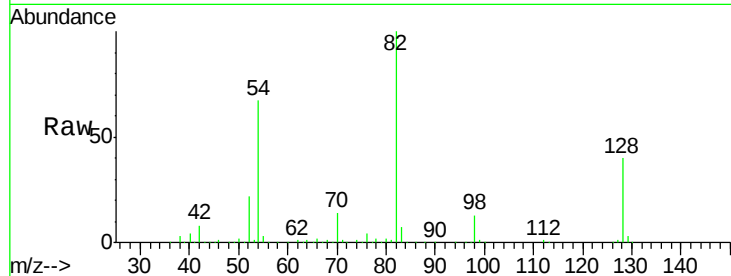




#25
Isophorone
Concen: 23.54 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.29 min
Lab File: BF091404.D
Acq: 2 Dec 2016 22:10

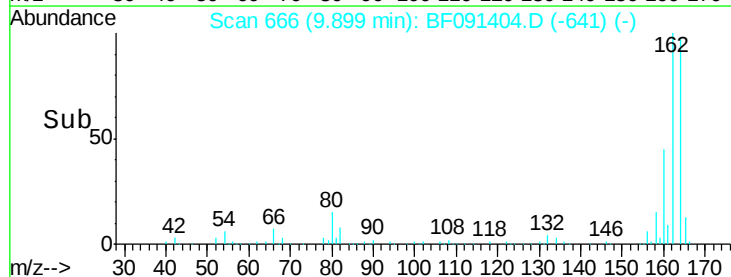
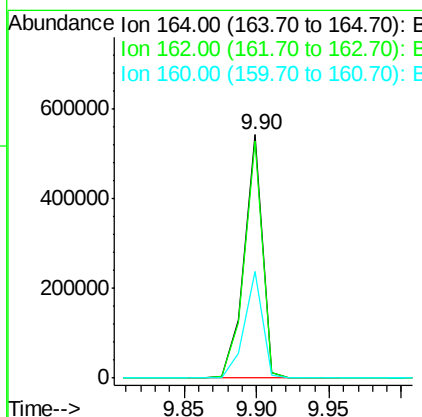
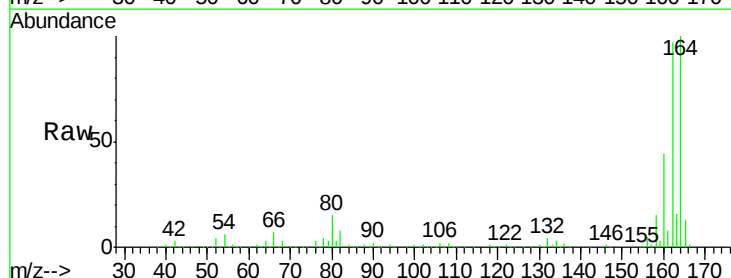
Instrument :
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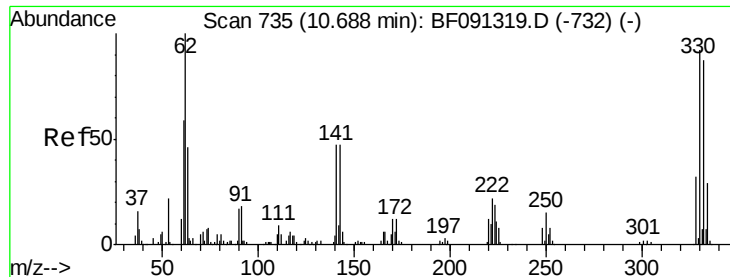
Tgt Ion: 82 Resp: 547765
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091404.D
Acq: 2 Dec 2016 22:10

Tgt Ion: 164 Resp: 472912
Ion Ratio Lower Upper
164 100
162 97.2 82.6 124.0
160 43.8 36.7 55.1

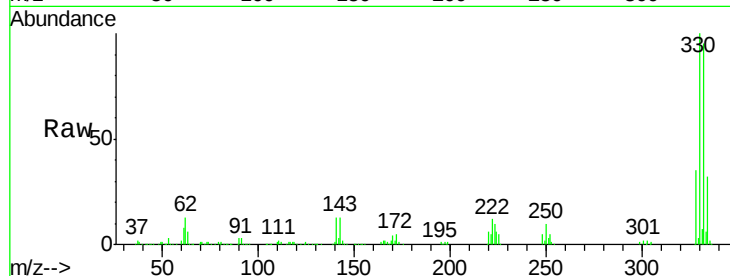




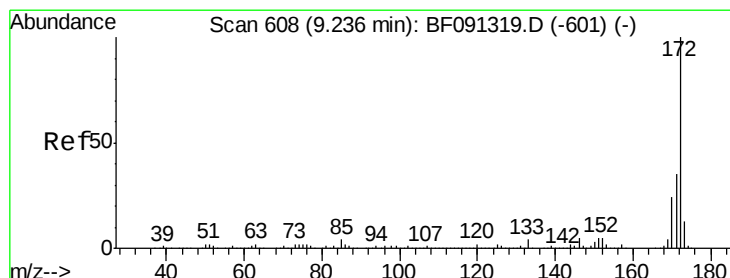
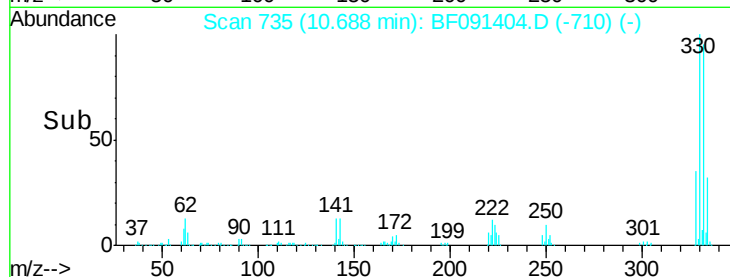
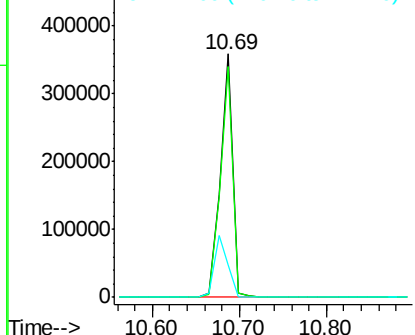
#41
 2,4,6-Tribromophenol
 Concen: 81.09 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091404.D
 Acq: 2 Dec 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 FLOOR-120116

Tgt Ion:330 Resp: 363027
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 28.0 33.6 50.4#

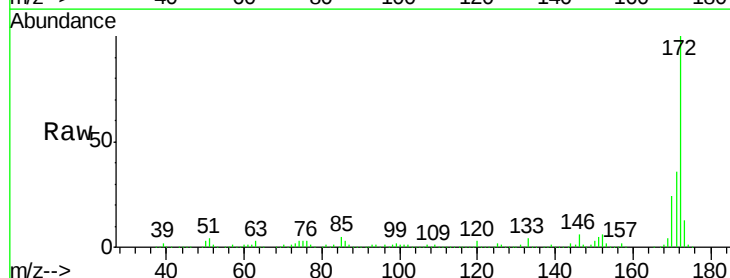


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

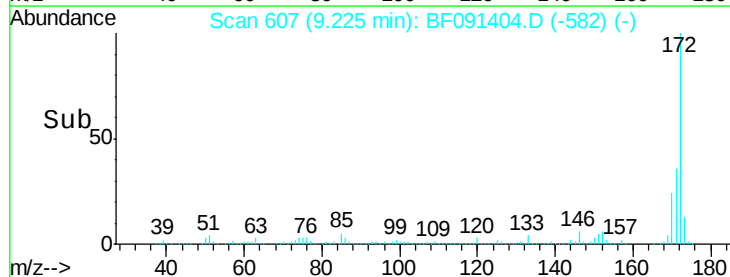
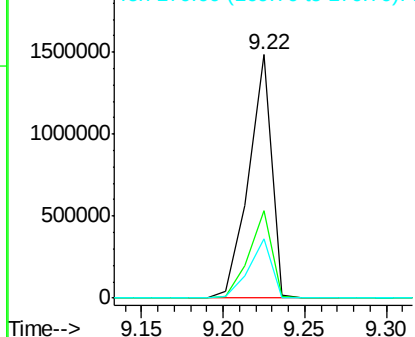


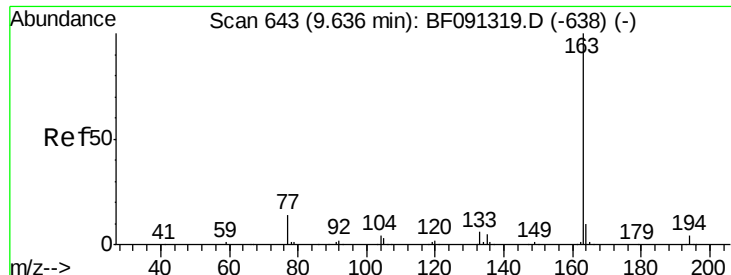
#44
 2-Fluorobiphenyl
 Concen: 55.37 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091404.D
 Acq: 2 Dec 2016 22:10

Tgt Ion:172 Resp: 1446293
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.2 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

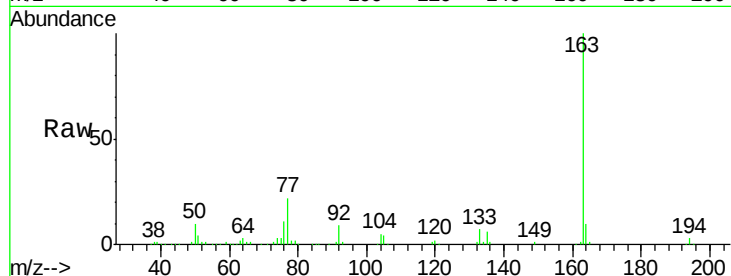




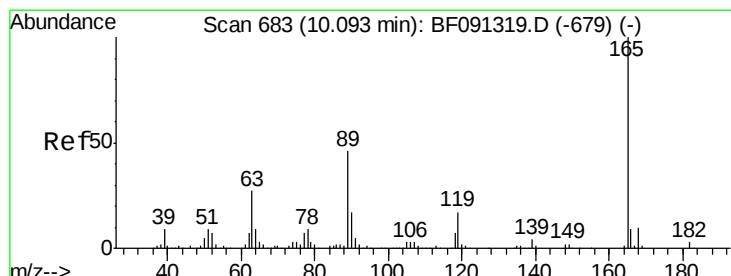
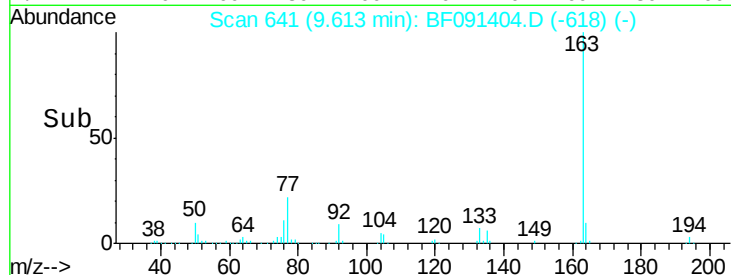
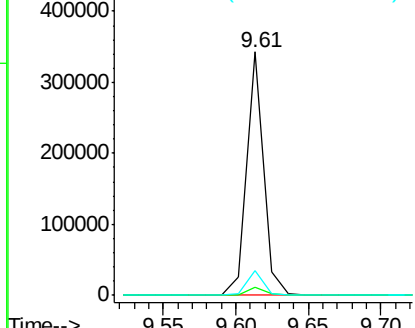
#49
Dimethylphthalate
Concen: 9.69 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091404.D
Acq: 2 Dec 2016 22:10

Instrument :
BNA_F
ClientSampleId :
FLOOR-120116

Tgt Ion:163 Resp: 277572
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.3 7.8 11.8

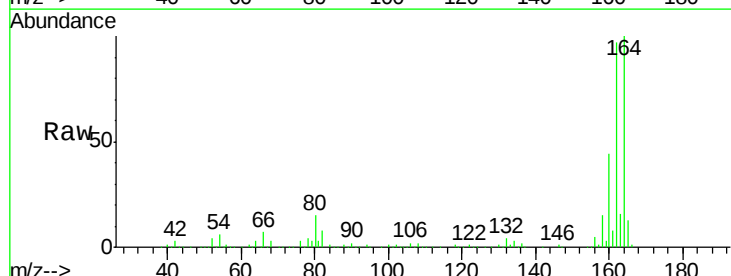


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

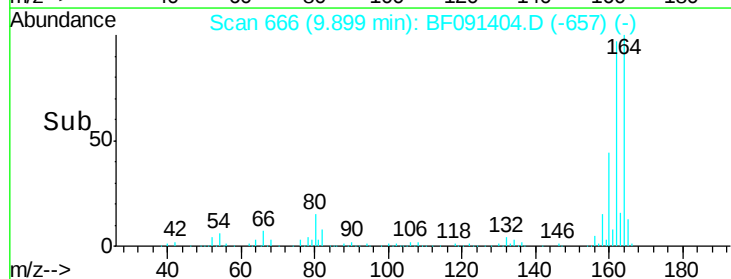
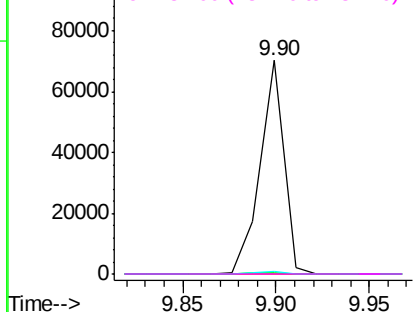


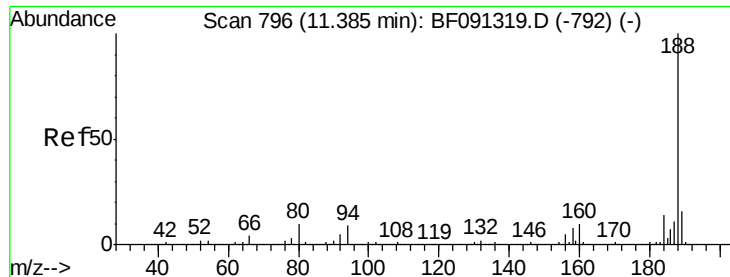
#56
2,4-Dinitrotoluene
Concen: 7.44 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.20 min
Lab File: BF091404.D
Acq: 2 Dec 2016 22:10

Tgt Ion:165 Resp: 61753
Ion Ratio Lower Upper
165 100
63 0.9 29.0 43.4#
89 1.0 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

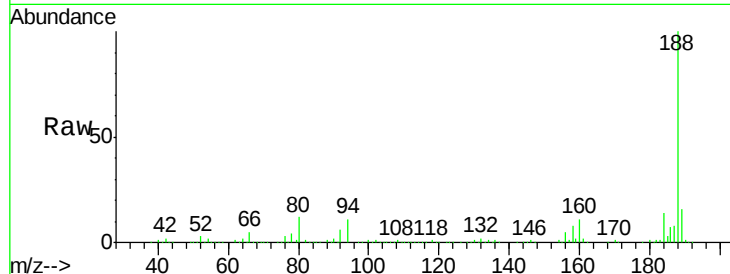




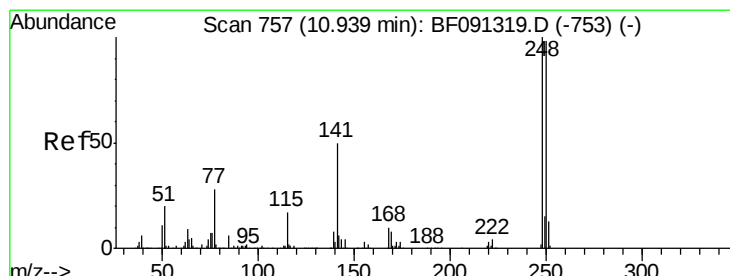
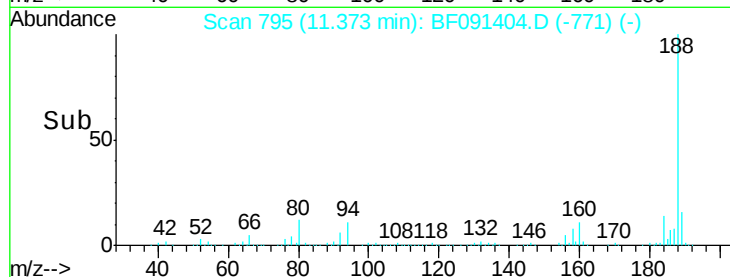
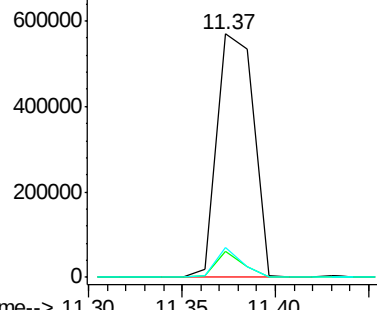
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF091404.D
Acq: 2 Dec 2016 22:10

Instrument :
BNA_F
ClientSampleId :
FLOOR-120116

Tgt Ion:188 Resp: 775307
Ion Ratio Lower Upper
188 100
94 10.7 9.2 13.8
80 12.1 10.5 15.7

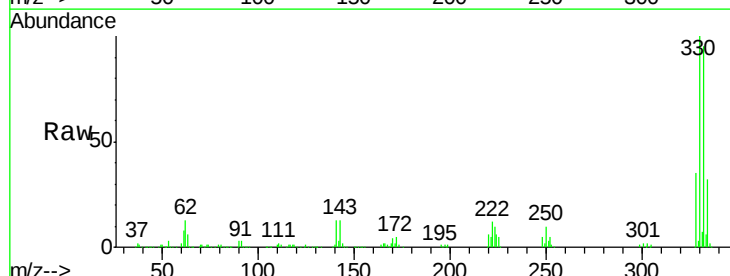


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

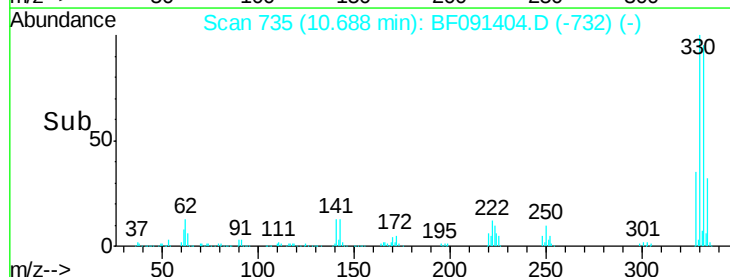
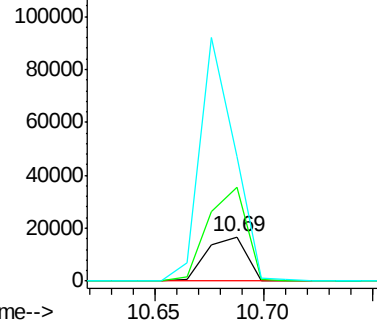


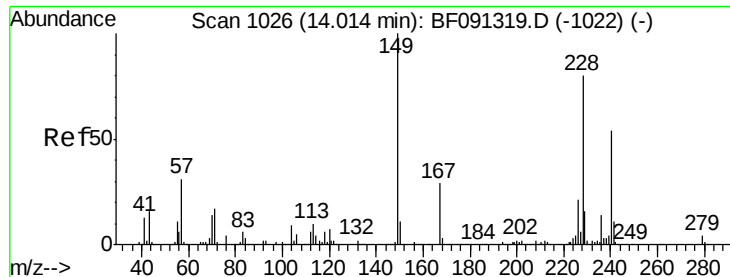
#66
4-Bromophenyl-phenylether
Concen: 2.57 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF091404.D
Acq: 2 Dec 2016 22:10

Tgt Ion:248 Resp: 21452
Ion Ratio Lower Upper
248 100
250 210.5 78.2 117.4#
141 282.1 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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091404.D

Acq: 2 Dec 2016 22:10

Instrument :

BNA_F

ClientSampleId :

FLOOR-120116

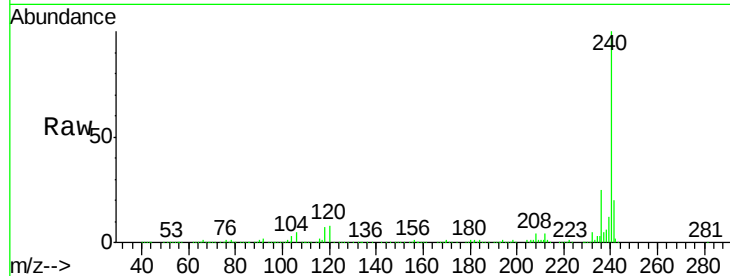
Tgt Ion:240 Resp: 674446

Ion Ratio Lower Upper

240 100

120 7.6 12.1 18.1#

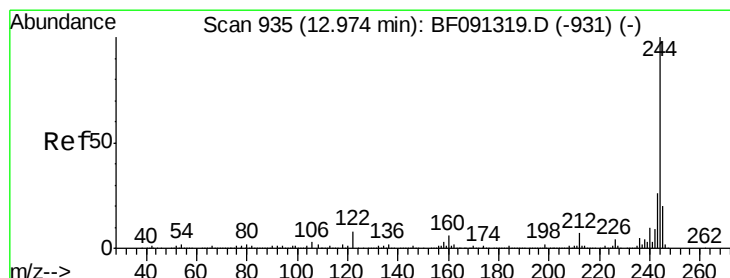
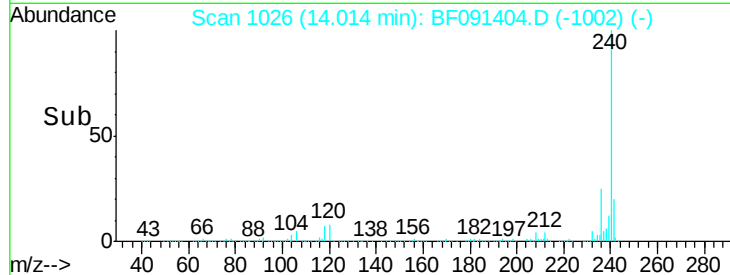
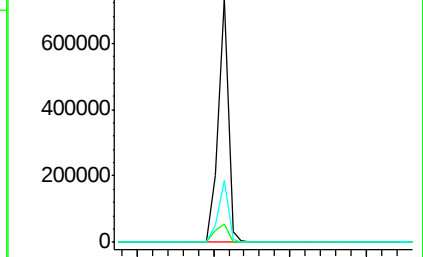
236 25.3 21.0 31.6



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: 46.26 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF091404.D

Acq: 2 Dec 2016 22:10

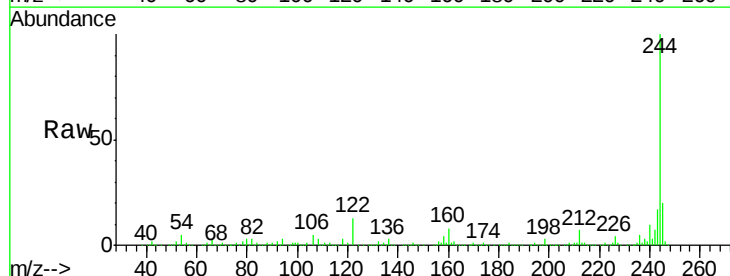
Tgt Ion:244 Resp: 1435336

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

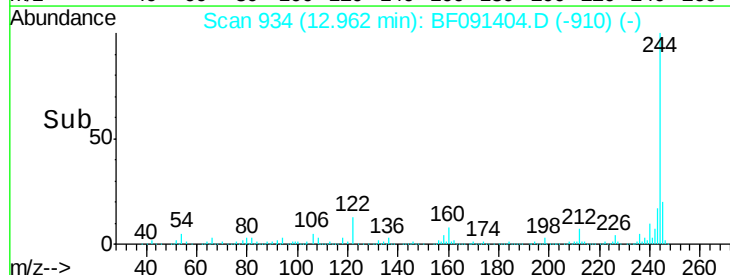
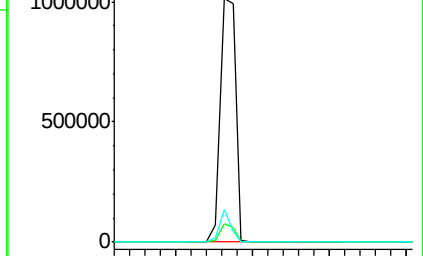
122 13.3 9.5 14.3

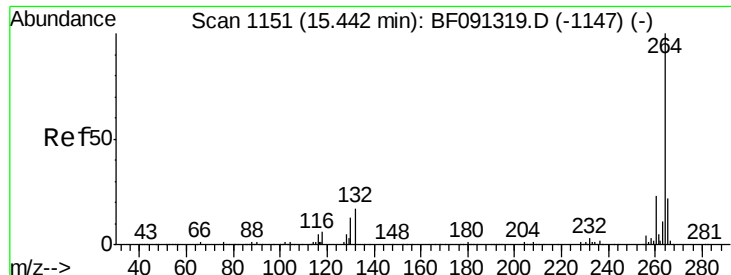


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

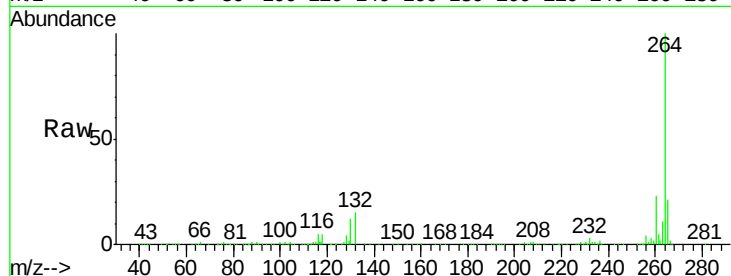




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091404.D
Acq: 2 Dec 2016 22:10

Instrument :
BNA_F
ClientSampleId :
FLOOR-120116

Tgt Ion: 264 Resp: 479120
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 21.3 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

