

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091400.D
 Acq On : 2 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H5819-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113016-08

Quant Time: Dec 02 22:24:18 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

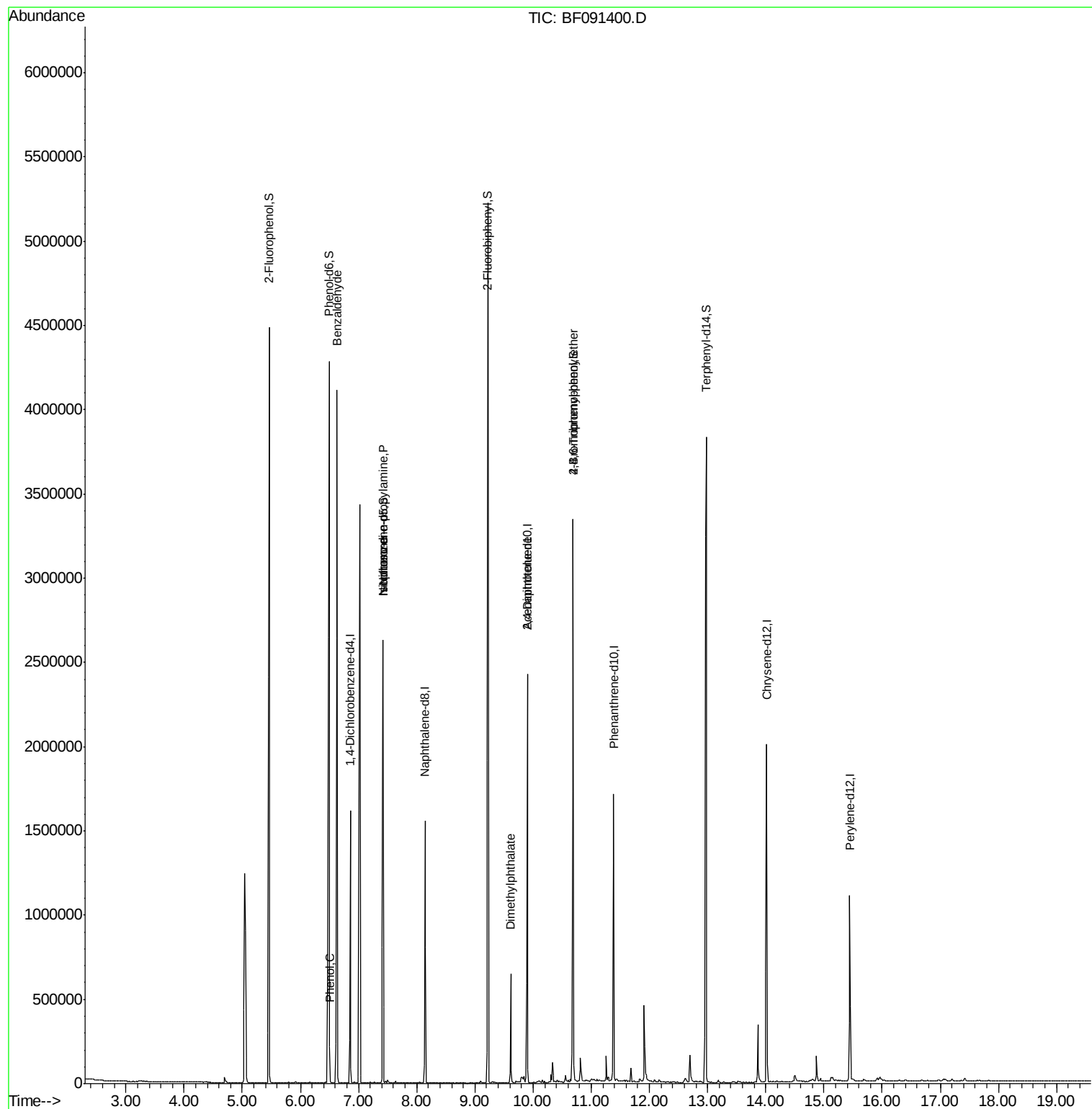
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	212337	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	818949	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	520552	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	871841	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	728189	20.00	ng	-0.03
86) Perylene-d12	15.44	264	527291	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1226364	94.35	ng	0.00
7) Phenol-d6	6.49	99	1654396	103.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	860918	58.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	452723	91.87	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1703925	59.27	ng	-0.02
78) Terphenyl-d14	12.97	244	1775599	53.00	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	32542	3.16	ng	90
10) Phenol	6.50	94	69339	3.68	ng	76
19) n-Nitroso-di-n-propylamine	7.42	70	116789	11.59	ng	# 74
25) Isophorone	7.42	82	680056	26.27	ng	# 67
49) Dimethylphthalate	9.61	163	233025	7.39	ng	98
56) 2,4-Dinitrotoluene	9.90	165	68787	7.53	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	30057	3.21	ng	# 1

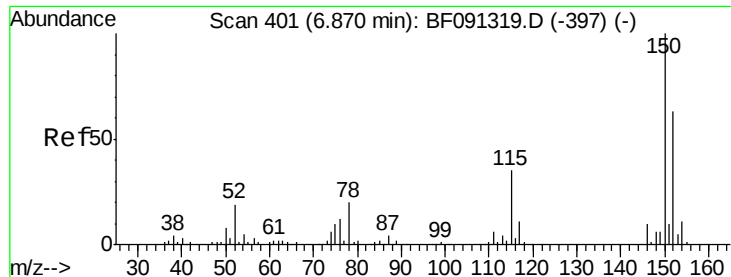
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091400.D

Acq: 2 Dec 2016 20:20

Instrument :

BNA_F

ClientSampleId :

113016-08

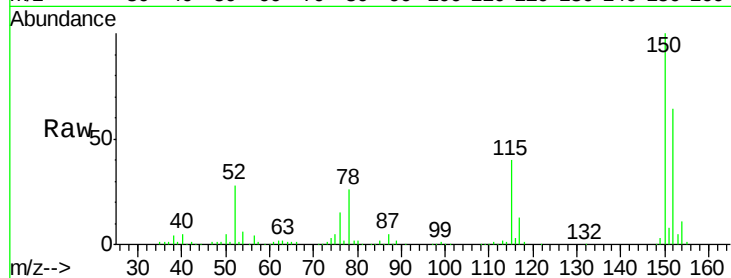
Tgt Ion:152 Resp: 212337

Ion Ratio Lower Upper

152 100

150 155.8 122.5 183.7

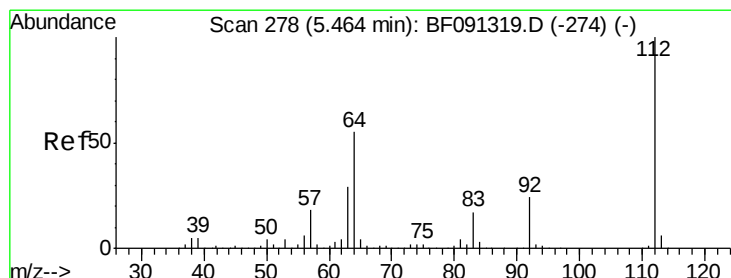
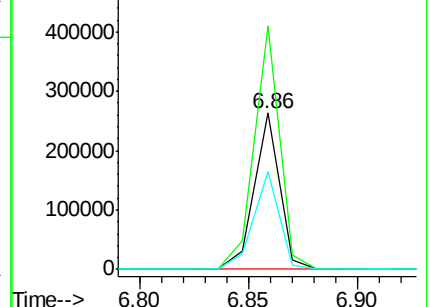
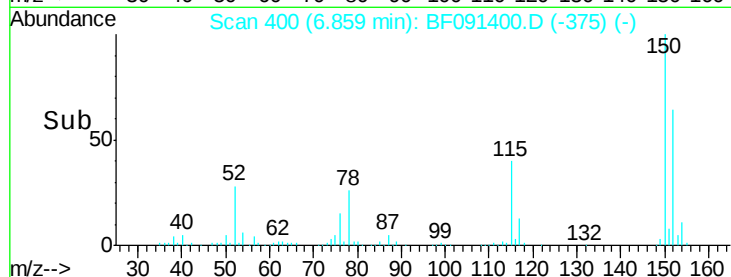
115 62.2 51.8 77.8



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: 94.35 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

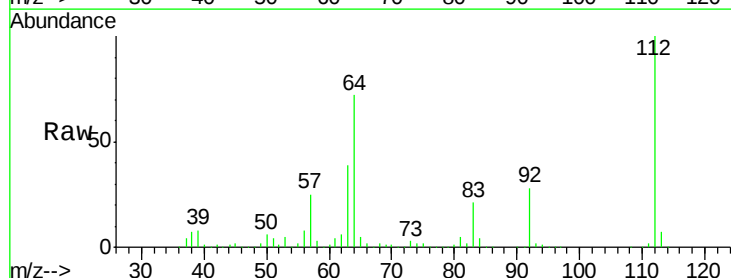
Tgt Ion:112 Resp: 1226364

Ion Ratio Lower Upper

112 100

64 72.2 61.5 92.3

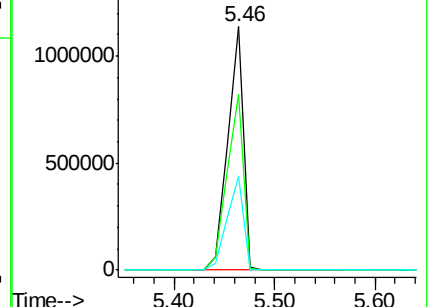
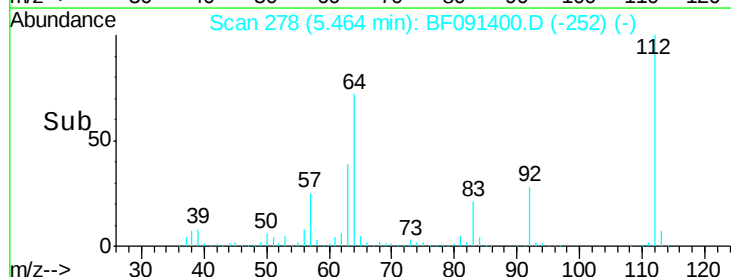
63 38.7 33.3 49.9



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: 103.40 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

Instrument :

BNA_F

ClientSampleId :

113016-08

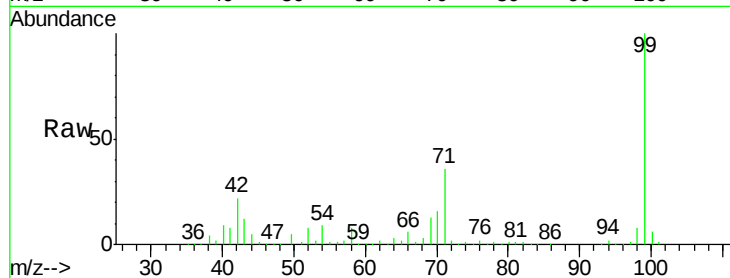
Tgt Ion: 99 Resp: 1654396

Ion Ratio Lower Upper

99 100

42 21.9 20.6 31.0

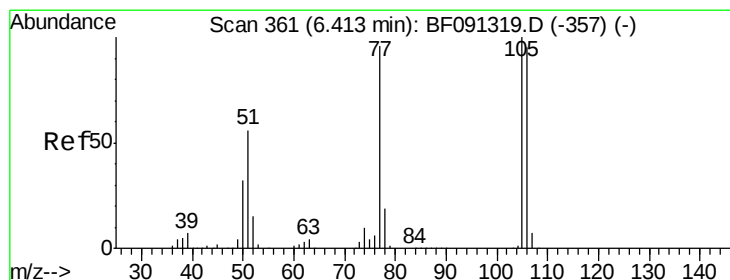
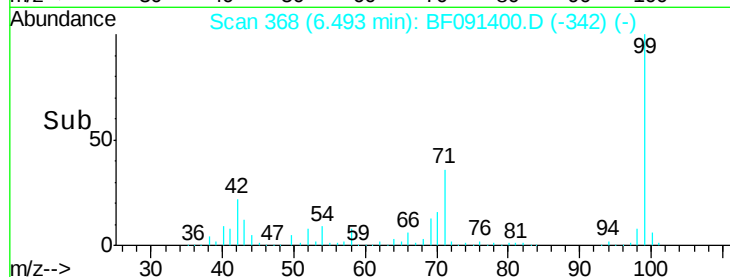
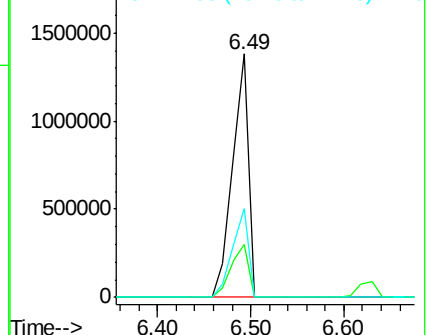
71 36.2 29.9 44.9



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: 3.16 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

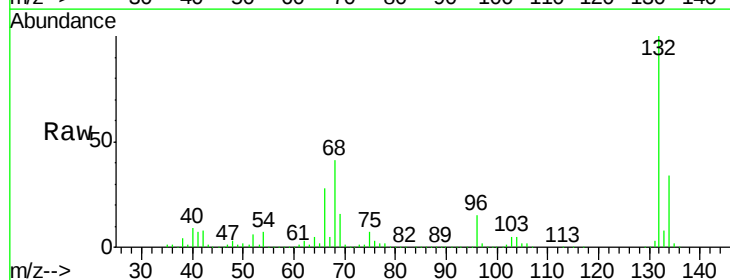
Tgt Ion: 77 Resp: 32542

Ion Ratio Lower Upper

77 100

105 76.9 66.4 106.4

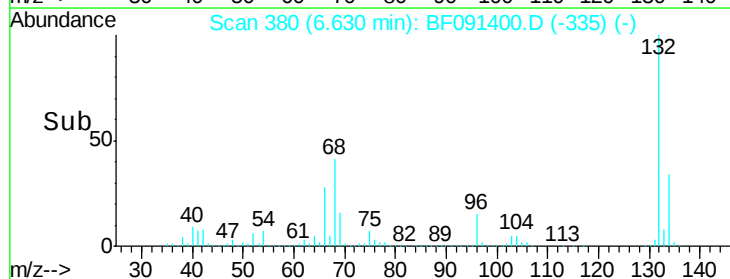
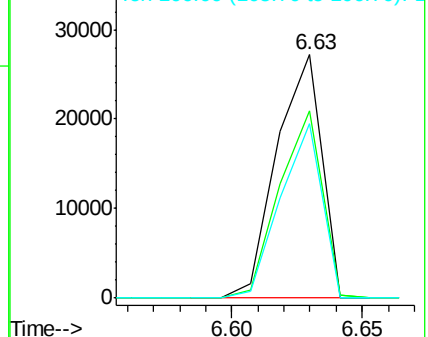
106 71.9 60.9 100.9

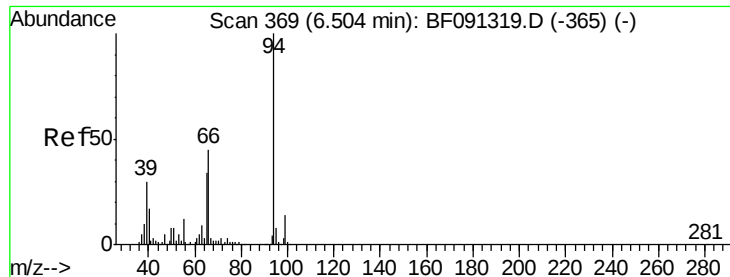


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.68 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

Instrument :

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ClientSampleId :

113016-08

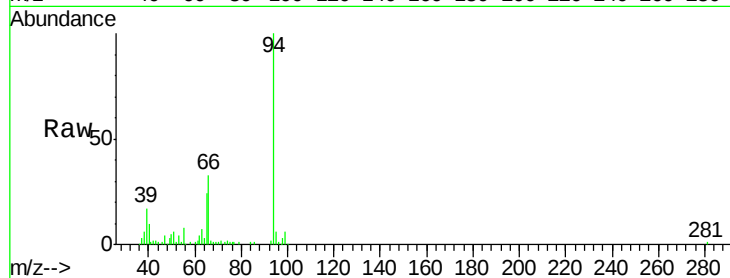
Tgt Ion: 94 Resp: 69339

Ion Ratio Lower Upper

94 100

65 24.2 16.9 56.9

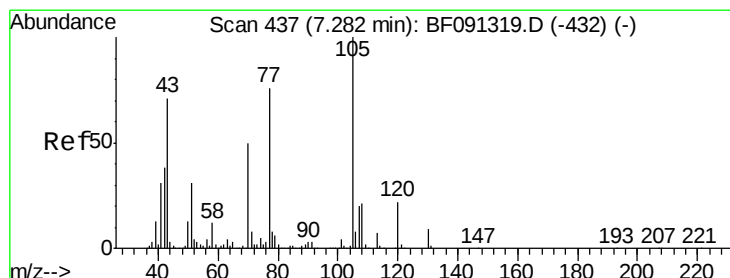
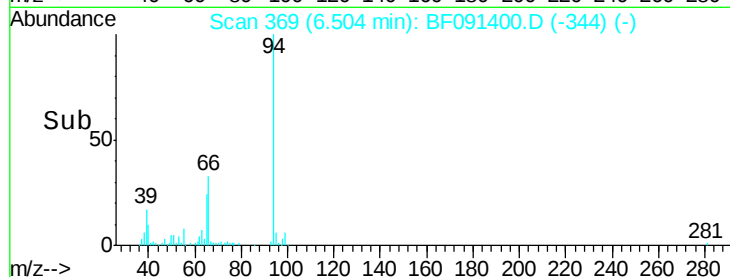
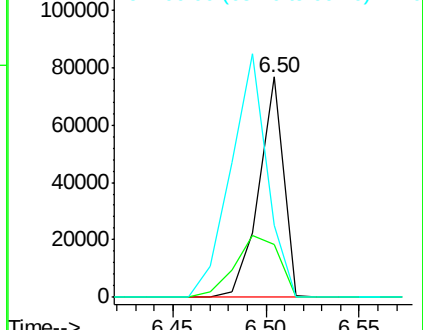
66 32.6 30.6 70.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 11.59 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.12 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

Tgt Ion: 70 Resp: 116789

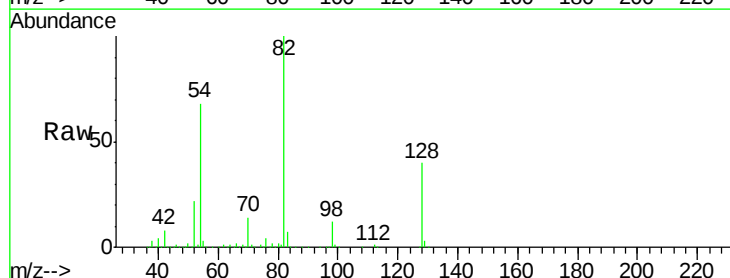
Ion Ratio Lower Upper

70 100

42 58.7 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 11.7 17.5#

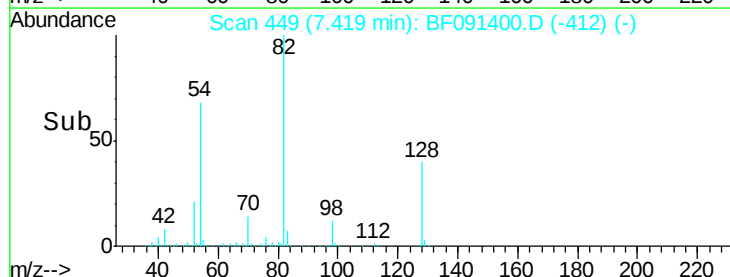
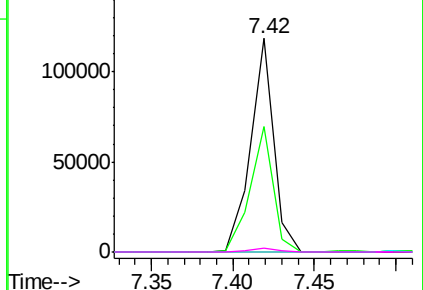


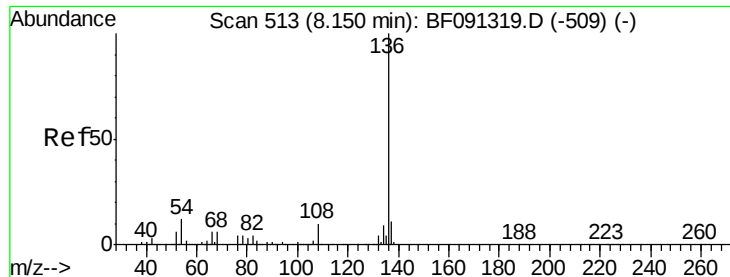
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

Instrument :

BNA_F

ClientSampleId :

113016-08

Tgt Ion:136 Resp: 818949

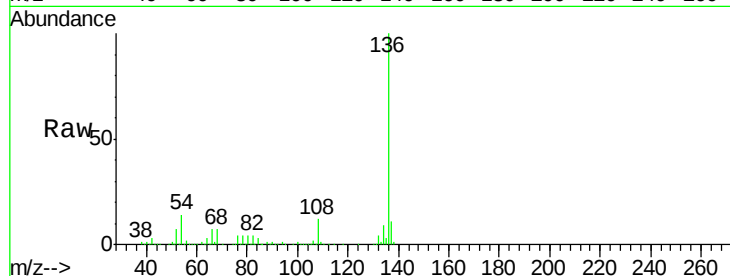
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 13.9 9.1 13.7#

68 6.7 5.9 8.9

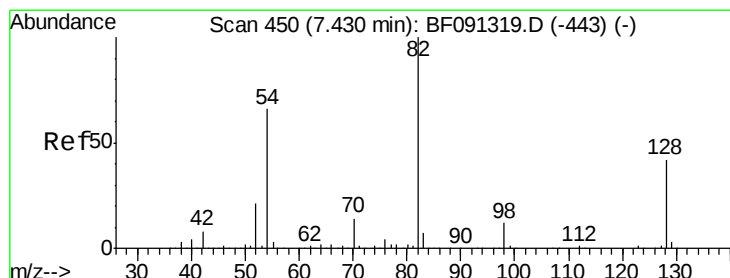
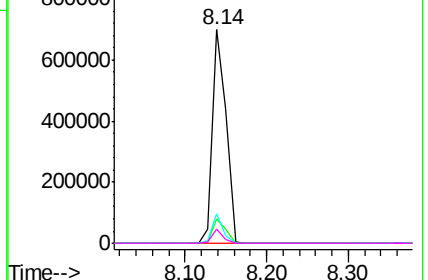
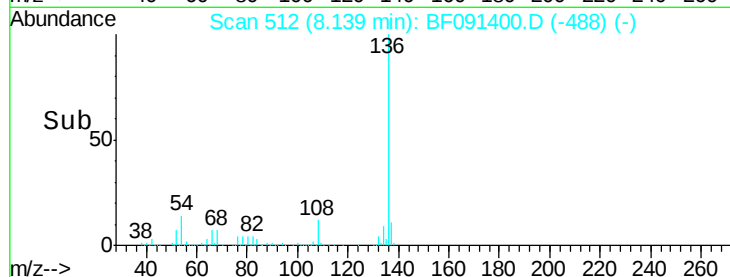


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.91 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

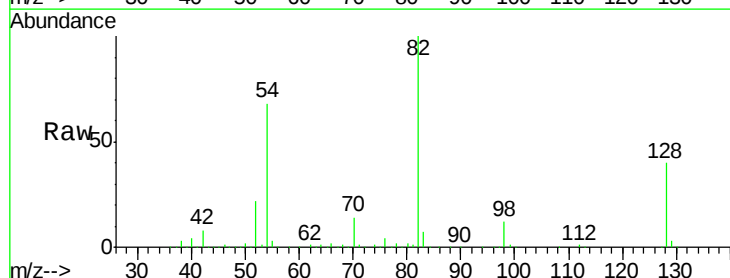
Tgt Ion: 82 Resp: 860918

Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

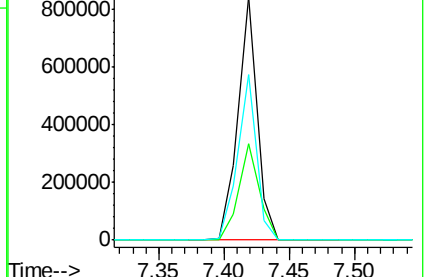
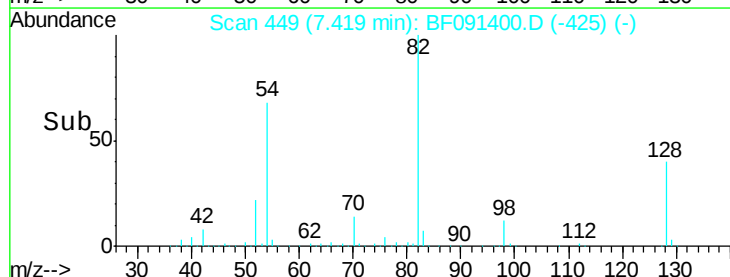
54 68.1 49.1 73.7

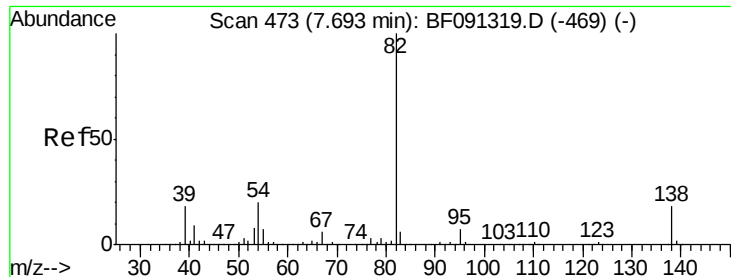


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.27 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.29 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

Instrument :

BNA_F

ClientSampleId :

113016-08

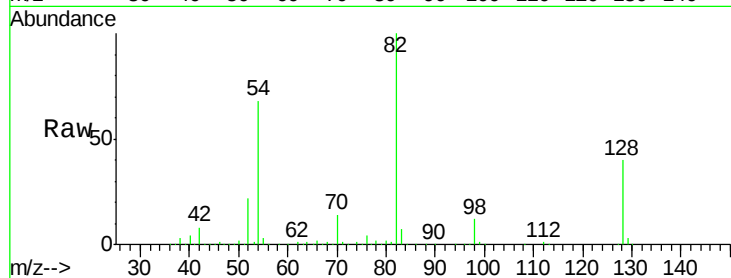
Tgt Ion: 82 Resp: 680056

Ion Ratio Lower Upper

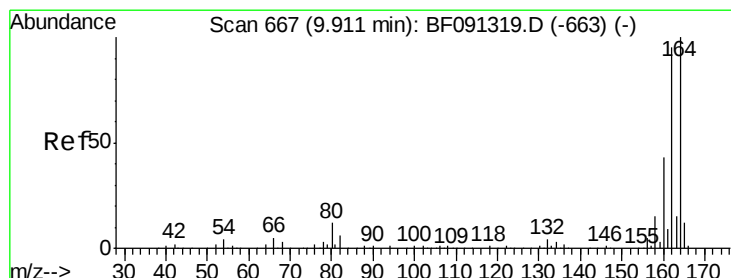
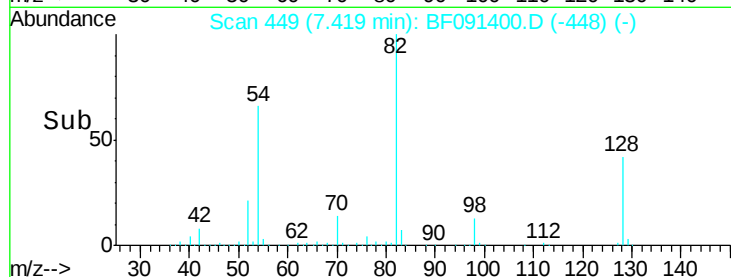
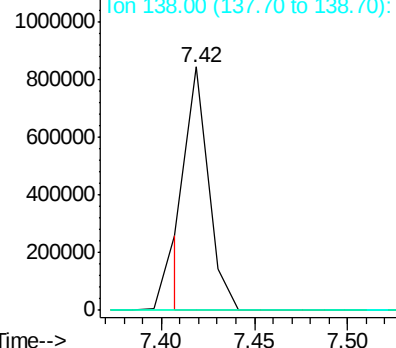
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

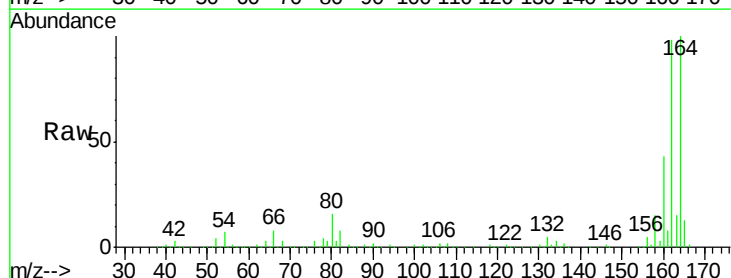
Tgt Ion: 164 Resp: 520552

Ion Ratio Lower Upper

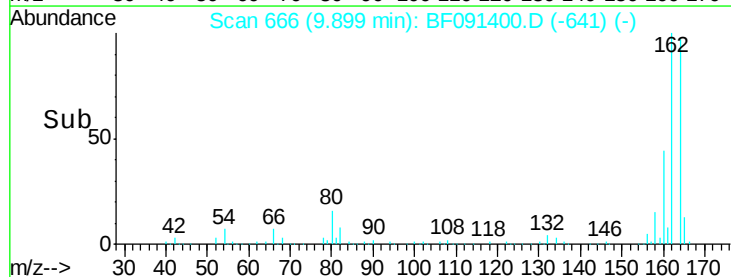
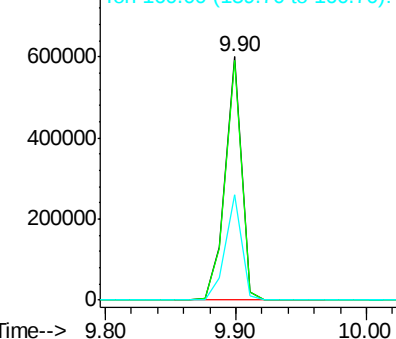
164 100

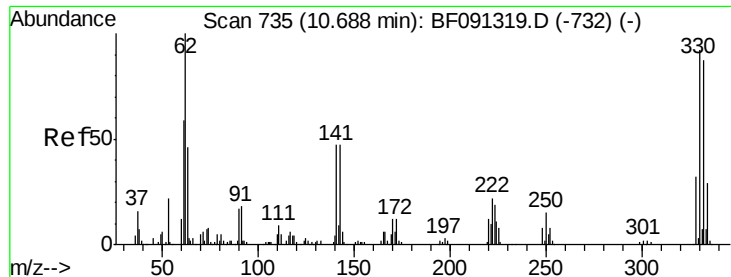
162 98.3 82.6 124.0

160 43.4 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

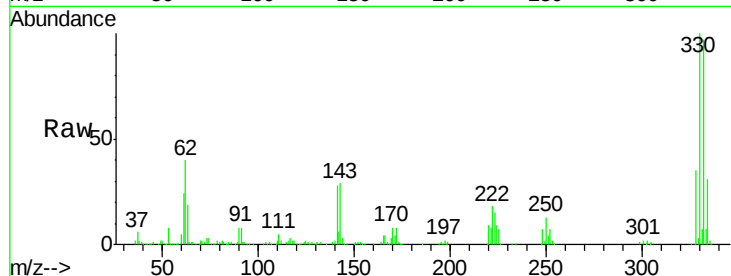




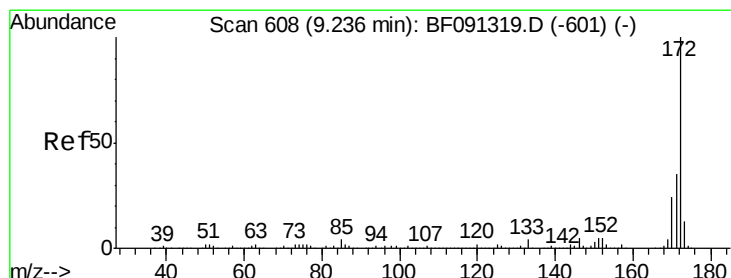
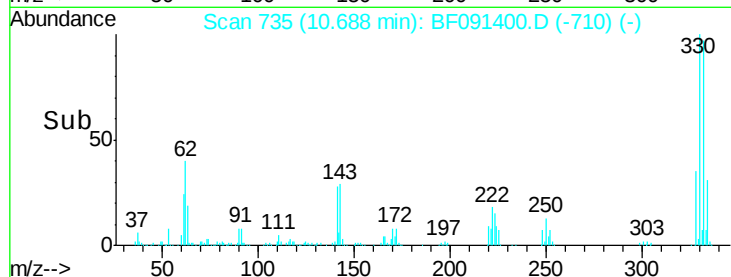
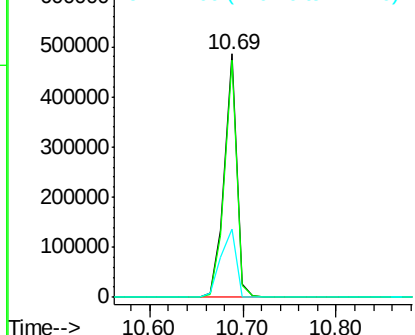
#41
 2,4,6-Tribromophenol
 Concen: 91.87 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091400.D
 Acq: 2 Dec 2016 20:20

Instrument :
 BNA_F
 ClientSampleId :
 113016-08

Tgt Ion:330 Resp: 452723
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 34.4 33.6 50.4

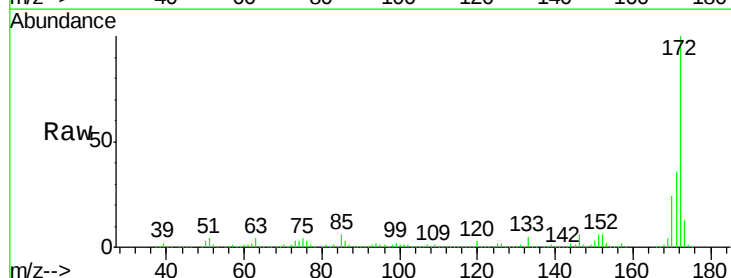


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

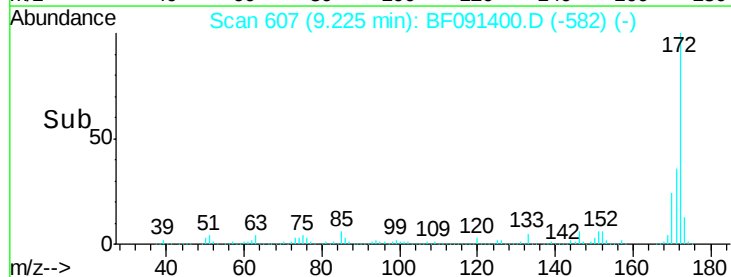
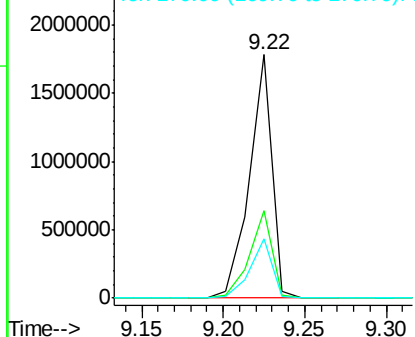


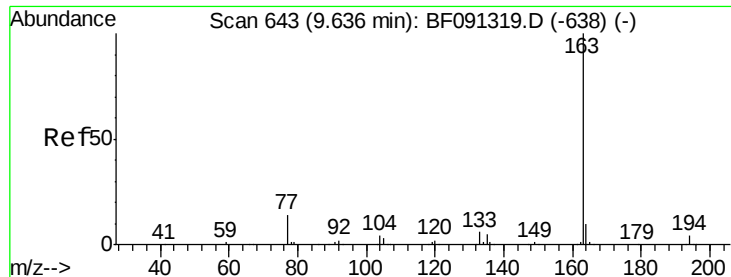
#44
 2-Fluorobiphenyl
 Concen: 59.27 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091400.D
 Acq: 2 Dec 2016 20:20

Tgt Ion:172 Resp: 1703925
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

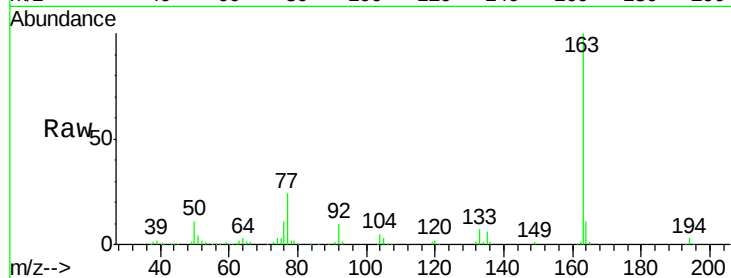




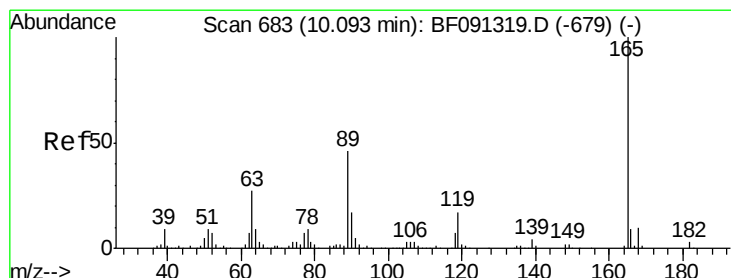
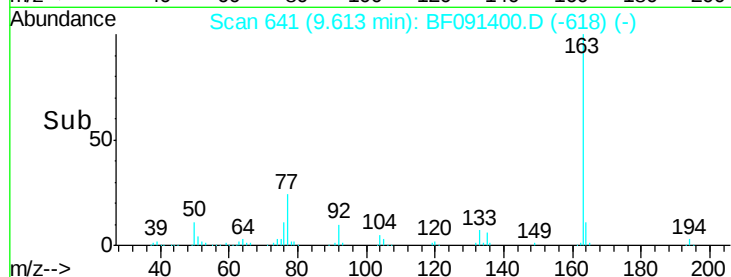
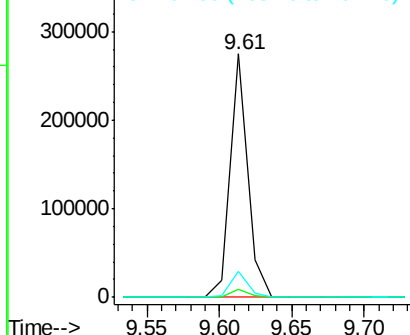
#49
Dimethylphthalate
Concen: 7.39 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

Instrument :
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ClientSampleId :
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Tgt Ion:163 Resp: 233025
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.5 7.8 11.8

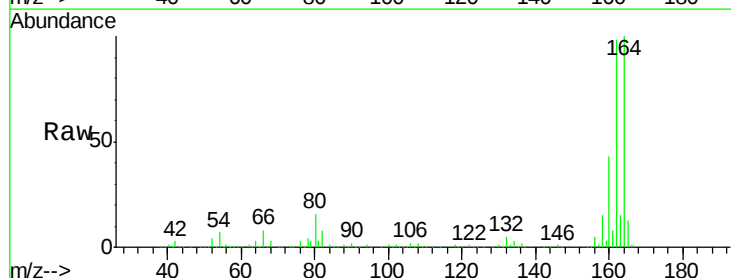


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

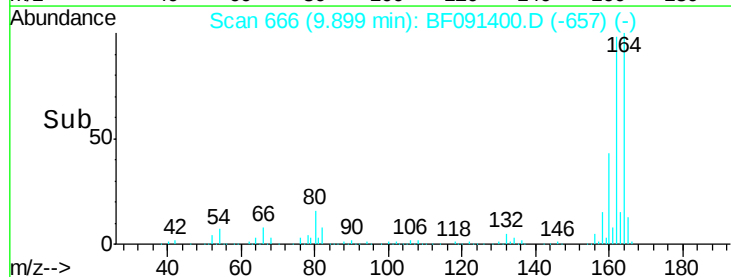
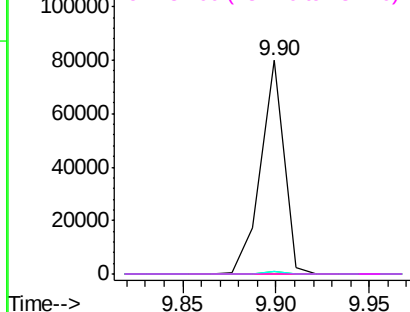


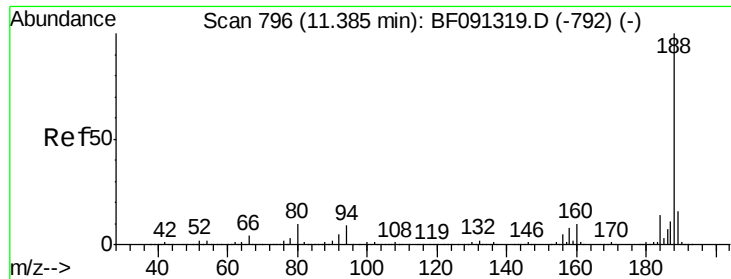
#56
2,4-Dinitrotoluene
Concen: 7.53 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.20 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

Tgt Ion:165 Resp: 68787
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

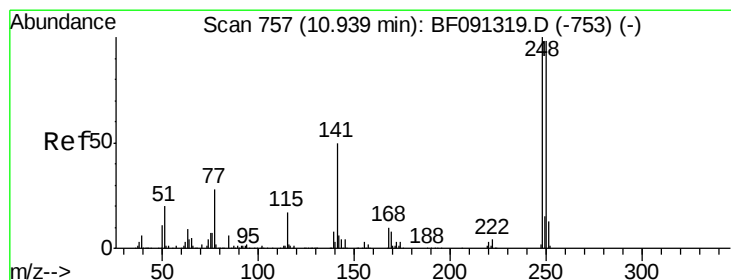
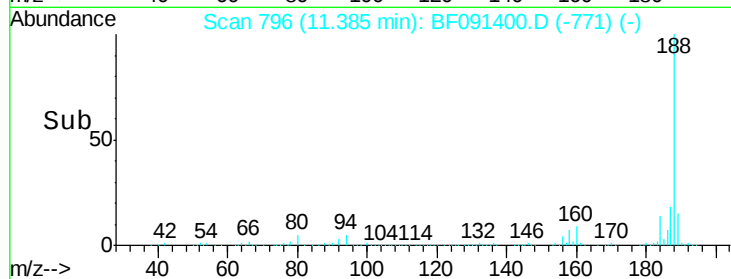
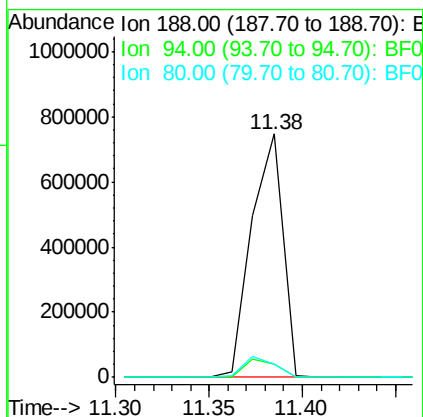
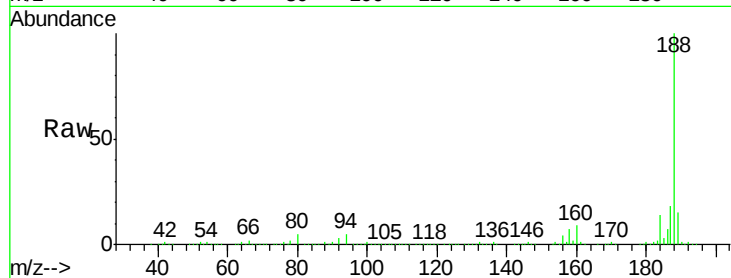




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091400.D
 Acq: 2 Dec 2016 20:20

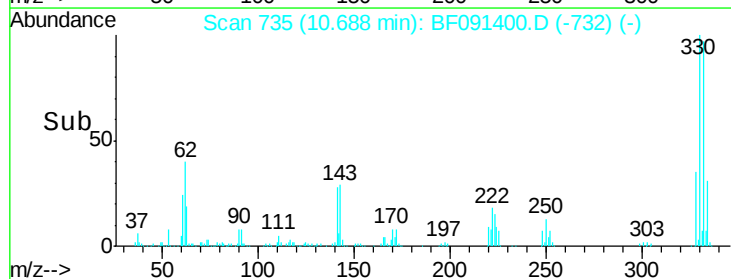
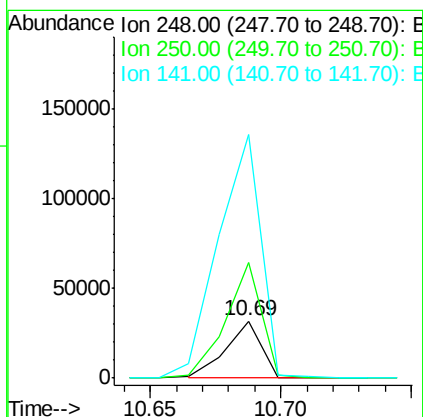
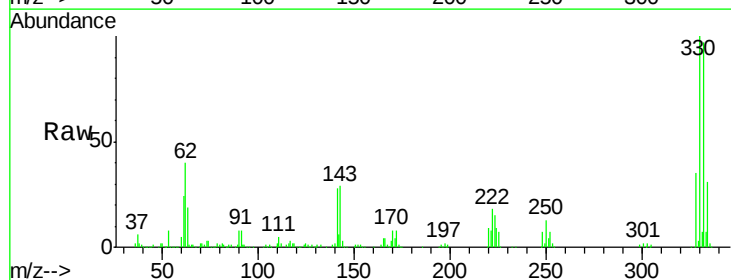
Instrument :
 BNA_F
 ClientSampleId :
 113016-08

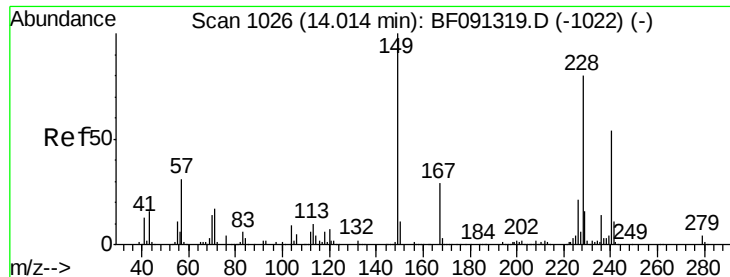
Tgt Ion:188 Resp: 871841
 Ion Ratio Lower Upper
 188 100
 94 5.3 9.2 13.8#
 80 5.4 10.5 15.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.21 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.27 min
 Lab File: BF091400.D
 Acq: 2 Dec 2016 20:20

Tgt Ion:248 Resp: 30057
 Ion Ratio Lower Upper
 248 100
 250 201.3 78.2 117.4#
 141 426.2 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

Instrument :

BNA_F

ClientSampleId :

113016-08

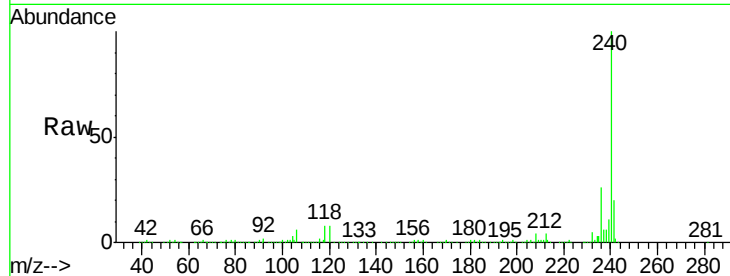
Tgt Ion:240 Resp: 728189

Ion Ratio Lower Upper

240 100

120 8.5 12.1 18.1#

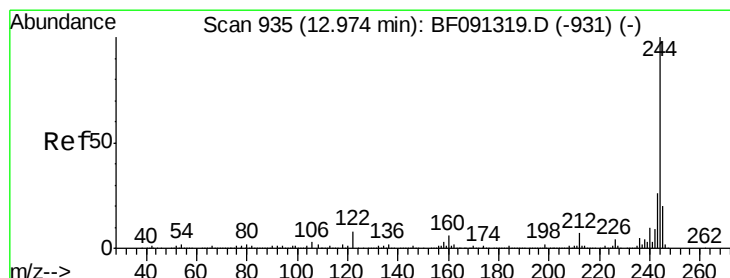
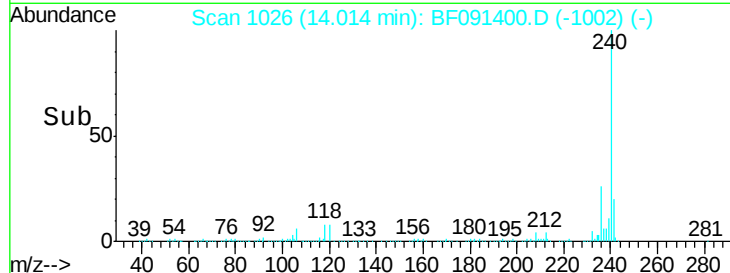
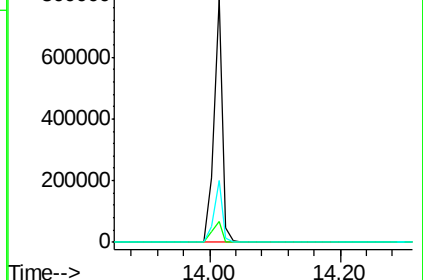
236 25.5 21.0 31.6



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: 53.00 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091400.D

Acq: 2 Dec 2016 20:20

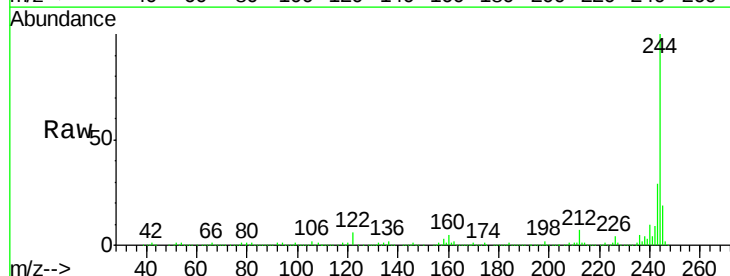
Tgt Ion:244 Resp: 1775599

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7

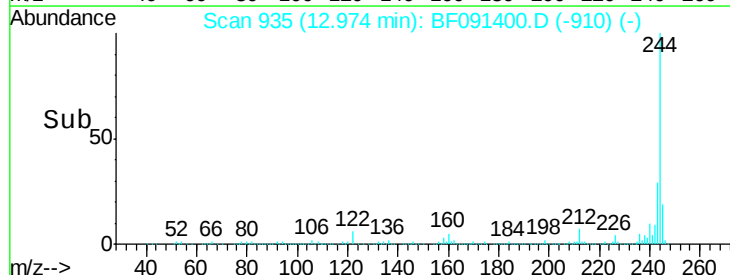
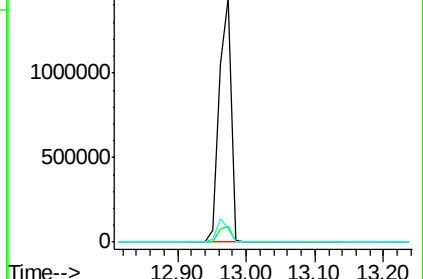
122 5.6 9.5 14.3#

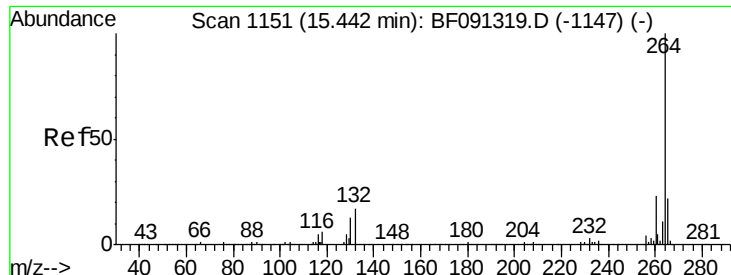


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

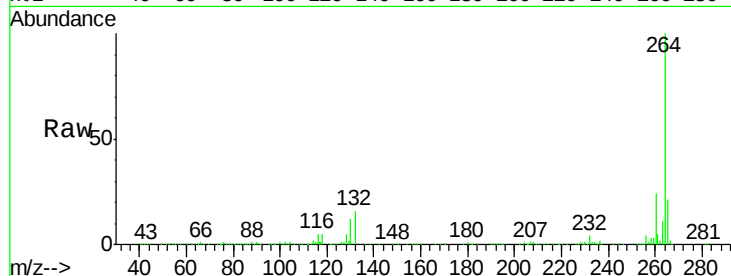




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091400.D
Acq: 2 Dec 2016 20:20

Instrument :
BNA_F
ClientSampleId :
113016-08

Tgt Ion: 264 Resp: 527291
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.4 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

